1 2 LLG-Dispenser system Wiper Bowl® Safe & Clean for cleaning tissues

The economical "building block solution" for thorough disinfection and cleaning of sensitive areas in the medical and foodstuff industries. Can be filled with all commercial disinfectant and cleaning agents.
The fine perforated structure of Multitex® cleaning tissues ensures an even distribution of the surface disinfectant. These tissues are also ideally suited to the cleaning of grossly soiled surfaces. Easy handling thanks to tear-off perforation. After cleaning the lid can be closed and the tissues stay moistured for more than 30 days ensuring a constant cleaning and disinfection performance.

LLG-Dispenser bucket Wiper Bowl® Safe & Clean:
Empty. For 1 roll Multitex® DR. Made of plastic, dia. approx. 21cm, resealable and reusable.

LLG-Cleaning tissues Multitex® DR:
Viscose fleece for LLG-Dispenser bucket Wiper Bowl® Safe & Clean.
White, fine, tear-resistant, absorbent and lint free.
Dimensions: 300mm x 320mm.
1 roll of 90 tissues

Please order separately.

Type	PK	Cat. No.
LLG-Dispener bin	1	**9.413 216**
LLG-Cleaning tissues Multitex® DR	1	**9.413 215**

3 Dispenser system neoform® wipes RTF

NEW

Dr. Weigert

Disposable fleece wipe dispensing system for use with surface disinfectants.
Disinfecting cleaning and disinfection of surfaces, appliances, medical devices and medical equipment in combination with suitable Dr. Weigert surface disinfectants.

Description	PK	Cat. No.
Bucket with 115 wipes per roll	8	**4.672 079**

4 HBV Tissues Meliseptol®

B. Braun Deutschland

Ready to use, alcoholic disinfectant tissues, 145 x 200 mm.
- For small alcohol resistant surfaces
- Active in 1 minute
- Hygienic individual removal from practical dispenser box
- Dermatologically tested

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Danger

H phrases: H226|H318|H336

Package contents	PK	Cat. No.
100 cloths, dispenser	100	**9.191 272**
100 cloths, refill pack	100	**6.800 451**

5 Wipes Flow Wipes Fresh

NEW

Unigloves

Ready-to-use wipes for the gentle disinfection and cleaning of medical devices and medical inventory and surfaces of all kinds in patient-oriented areas. The cloths can be removed individually from the practical package with reclosable lid. Cloth size 20 × 22 cm.

Warning

H phrases: H226

Package contents	PK	Cat. No.
Pack of 100 tissues	100	**6.312 125**

1 2 Disinfection Tissues Bacillol® Tissues/Bacillol® AF Tissues

With Bacillol® AF solution pre-soaked and ready-to-use wipes with a wide range of *Hartmann*
effects, e.g. fungicidal, tuberculocidal and mycobactericidal.
- Wide compatibility with alcohol-resistant surfaces
- Aldehyde, dye and perfume free
- Good wetting and quick drying
- Acc. to VAH for risk areas

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Warning

H phrases: H226|H319

Type	Length	Width	Package contents	Life time	PK	Cat. No.
	mm	mm				
Bacillol® Tissues	225	139	Dispenser of 100 Tissues	3 months	1	**6.232 040**
Bacillol® Tissues	225	139	Refill bag of 100 Tissues	3 months	1	**6.237 958**
Bacillol® AF Tissues	200	180	Flowpack of 80 Tissues	28 days	80	**7.670 865**

3 Spray disinfectant Meliseptol®

Ready-to-use alcoholic disinfectant for all non-invasive medical inventory, medical *B. Braun Deutschland*
devices e.g. examination chairs, hospital beds, theatre equipment and other kinds of
surfaces.
- Highly efficient based on a mid level alcohol concentration - active within 1 minute
- Enhanced cleaning performance, even on shining metallic surfaces
- Without additional antimicrobial ingredient (like aldehydes, QAC)
- Pleasant, lemon-like smell
- Fast and comprehensive activity spectrum incl. Mycobacteria and non-enveloped viruses as Rota-,
  Adeno- as well as Norovirus (MNV)ation
Use disinfectants safely. Always read the label and product information before use.

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Warning

H phrases: H226

Type	Capacity ml	PK	Cat. No.
Hand spray bottle	250	1	**9.191 292**
Hand spray bottle without spray head*	1000	1	**9.191 293**
Spray head for 1L hand spray bottle		1	**9.191 268**
Jerrycan	5000	1	**9.191 295**

*Spray head for 1000ml hand spray bottle - please order separately.

4 Meliseptol® rapid, fast acting spray disinfectant

Meliseptol® rapid is a fast acting, ready-to-use disinfectant for medical equipment such *B. Braun Deutschland*
as treatment chairs, operating theatre equipment and hospital beds.
Meliseptol® rapid works within 1 min. as a bactericide, tuberculocide, fungicide (incl. mould fungi) and inactivates
Hepatitis-B, HIV, rotaviruses, adeno and vaccinia viruses. Free from aldehydes and alkyl amines.

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Danger

H phrases: H226|H318|H336

Type	Capacity ml	PK	Cat. No.
Spray bottle	250	1	**9.191 036**
Dosing bottle	250	1	**9.191 037**
Hand spray bottle without spray head*	1000	1	**9.191 038**
Spray head for 1000ml hand spray bottle		1	**9.191 268**
Jerrycan	5000	1	**9.191 040**

*For spray bottle 1000ml - please order spray head separately.

1   Fast Acting Spray Disinfectant Bacillol® AF

Alcoholic disinfectant with full effectiveness for alcohol resistant surfaces and devices
with fast exposure and drying time.

Hartmann

- Ready-to-use solution
- Fast effect
- Wide material compatibility
- Aldehyde, dye and perfume free
- Good wetting

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Danger

H phrases: H226|H318|H336

Type	Capacity ml	PK	Cat. No.
Bottle	50	1	**7.637 244**
Bottle	1000	1	**6.239 263**
Jerrycan	5000	1	**6.263 817**

You can find ordering information for all articles described above as well as other articles online.

2   Surface disinfectant neoform® Rapid

NEW

Alcohol-based solution for disinfecting surfaces of medical devices, surfaces in the
laboratory area as well as surfaces and equipment in the pharmaceutical and cosmetics
area. Application: wiping method. VAH listed and included in the IHO disinfectant list.

Dr. Weigert

Warning

H phrases: H226|H319|H336

Type	Capacity ml	PK	Cat. No.
Bottle	750	1	**6.274 227**

3   Surface disinfection Pursept®-A Xpress

Pursept®-A Xpress is a ready-to-use preparation for rapid disinfection and cleaning of
surfaces and instruments (e.g., liquid handling instruments).
It works in only 15 secs. - even before the surface dries. DGHM tested and RKI compliant. Dermatologically tested for
skin tolerance. Aldehyde-free
For RKI compliant use, apply Pursept®-A Xpress full strength to a disposable cloth. Then thoroughly wipe off the area to
be disinfected with the wet cloth. Be sure to wipe everything completely. The surface should remain moist during the
entire working time.
Use disinfectants safely. Always read the label and product information before use.

Schülke & Mayr GmbH

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Warning

H phrases: H226|H319

Contents per 100g: 55g ethanol, 0.03g N-alkyl aminopropyl glycine; auxiliary agents.

Surface disinfection:
Bacteria and fungi with little organic burden with mechanics acc. to
DGHM/VAH*directives: 15secs.
Limited virucidal efficacy** (incl. HIV, HBV, HCV):   15secs.
Effectiveness against TbB: 30secs.
Liquid: colourless, transparent
Density: approx. 0.9g/cm³
pH value: approx. 7.5

Type	Capacity Litres	PK	Cat. No.
Pump spray bottle (without cap)	1	1	**9.192 567**
Jerrycan	5	1	**9.192 568**
Spray cap		1	**9.192 566**

*Tested according to standard DGHM methods of surface disinfection. Latest version: 9/1/2001
**As recommended by the Robert-Koch-Institute (RKI), Bundesgesundheitsblatt 01/2004

1   Surface disinfection concentrate, Pursept® AF

For alcohol-resistant worktops and equipment surfaces in microbiological and medical laboratories. Cleans and disinfects floors, walls and equipment in one operating cycle.
Effective against bacteria, fungi and viruses, in particular Hep.-B and HIV. Tested and certified in accordance with the guidelines of the DGHM (German Hygiene and Microbiology Society). Particularly gentle on surfaces, kind to skin and has a pleasant, fresh fragrance. Use disinfectants safely. Always read the label and product information before use.

Schülke & Mayr GmbH

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Danger

H phrases: H302|H314|H400

Contents per 100g:
12.5g didecyl dimethyl ammonium chloride
< 5% NTA,
< 5% non-ionic surfactants, auxiliary agent
1.5g (aminopropyl)-lauryl amine, auxiliary materials

Microbiological power/application concentration Surface disinfection:

Bacteria and fungi in acc. with DGHM:	0.25%/4 hrs., 0.5%/60 min., 1%/30 min., 2%/15 min.
Limited virucidal efficacy* (incl. HIV, HBV, HCV):	1%/15 min.
Inactivating human rotaviruses:	0.25%/2 mins.
Concentration for TbB:	2%/60 mins.
Liquid:	clear, green
Density:	approx. 1g/ml
pH value (1%):	approx. 10

Type	Capacity Litres	PK	Cat. No.
Bottle	2	1	**9.192 569**
Jerrycan	5	1	**9.192 570**

2   Molecular BioProducts™ RNase AWAY™ Surface Decontaminant

Eliminates unwanted DNA and RNase from glassware and plasticware without affecting subsequent DNA samples
Degrades DNA more quickly and effectively than autoclaving.
- Suitable for gel boxes, pipettes, benchtops, thermocyclers, or other apparatus
- Use before performing PCR or working with DNA for a DNA-free work area
- Simply apply the ready-to-use formula to the surface to decontaminate, then wipe dry or rinse clean

Thermo Scientific

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Danger

H phrases: H314|H318

Capacity ml	Package	PK	Cat. No.
250	bottle	1	**6.225 974**
475	spray bottle	1	**6.227 799**
1000	bottle	1	**6.206 320**

3   DNA AWAY™ for surface decontaminant

Eliminates unwanted DNA and DNase from glassware and plasticware without affecting subsequent DNA samples.
Degrades DNA more quickly and effectively than autoclaving.

Thermo Scientific

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Type	Capacity ml	Package	PK	Cat. No.
MBP DNA Away™	250	Flask	1	**6.228 401**

1 · Disinfectant for temperature-sensitive materials, Helipur® H plus N

Liquid concentrate for disinfecting flexible endoscopes, anaesthetic accessories, rubber and plastic items.
- Also suitable for disinfecting metal, glass and ceramics
- Effective against bacteria incl. T.B.-B, spores, fungi, lipophilic viruses including Hepatitis-B and HIV, coxsackie, adeno and vaccinia viruses
- Can also be used in ultrasonic baths
- Formaldehyde free
- Material compatability reports are available from leading manufacturers.
Use disinfectants safely. Always read the label and product information before use.

B. Braun Deutschland

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Danger

H phrases: H302+H332|H314|H317|H334|H335|H412

Application concentration: 1.5% reaction time 15mins. = 15ml in 1L water
1.0 % reaction time 60 mins. = 10 ml in 1 L water

Type	Capacity ml	PK	Cat. No.
Dosing bottle	1000	1	**9.191 277**
Jerrycan	5000	1	**9.191 278**

2 · Instrument disinfection, Mucocit® T

A fresh fragranced solution with exceptional cleaning power and disinfection in only 5 minutes due to the Active-Power-PLUS formula. Ideal for sensitive instruments, thanks to a unique material tolerance. Mucocit® T is used for manual instrument cleaning in a soaking or ultrasonic bath.
Use disinfectants safely. Always read the label and product information before use.

Schülke & Mayr GmbH

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

Danger

H phrases: H302|H314|H317|H334|H373|H410

Contents per 100g:

3.9g didecyl-dimethyl-ammonium chloride,
4.5g alkylpropylendiamine-1.5-bisguanidiniumacetate,
2g bis(-aminopropyl)-laurylamine, 2.8g laurylpropylenediamine,
5-15% non-ionic tenside surfactants, auxiliary agents.

Microbiological power/application concentration:
DGHM/VAH* bacteria and fungi as well as tuberculocide and myobactericide with high organic stress:

	1%/60 min., 2%/30 min., 3%/15 min.
Limited virucidal efficacy** (incl. HIV, HBV, HCV):	1%/5 min.
Inactivation of rotaviruses:	2%/5 min.
Physico-chemical data:	
Liquid:	blue, transparent
Density:	approx. 1g/ml
pH value (1%, 20 °C):	approx. 10.5

Type	Capacity Litres	PK	Cat. No.
Jerrycan	5	1	**9.192 551**

*Tested according to standard DGHM methods of surface disinfection. Latest version: 9/1/2001
**As recommended by the Robert-Koch-Institute (RKI), Bundesgesundheitsblatt 01/2004

You can find ordering information for all articles described above as well as other articles online.

1 Universal cleaner, neodisher® LaboClean A 8

Alkaline universal detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, powder.   *Dr. Weigert*

Universally applicable, with excellent cleaning performance and dirt carrying capacity. Removes blood, serum, food residues, pharmaceuticals, paints, varnishes, gelatine and other organic residues. Free of surfactants.

Danger

H phrases: H290|H314|H318|H411|H335

Type	Capacity kg	PK	Cat. No.
Bottle	1	1	**9.192 404**
Bucket	10	1	**9.192 403**
Bucket	25	1	**9.192 401**

2 Special cleaner, neodisher® LaboClean GK

Mildly alkaline detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, powder.   *Dr. Weigert*

Especially for the automated cleaning of glassware for cell and tissue cultures, in the field of microbiology and nuclear medicine as well as in isotope laboratories. Removes residues of culture media, residues of cell and tissue cultures, radioactive contamination, organic colour and pigment contamination. Easy to rinse off. Free of surfactants.

Warning

H phrases: H315|H319|H335|H411

Type	Capacity kg	PK	Cat. No.
Bucket	10	1	**9.192 415**

3 Special cleaner, neodisher® LaboClean LA

Highly alkaline intensive detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, powder.   *Dr. Weigert*

With a highly emulsifying, dispersing and defoaming action. Especially suitable for the removal of fat, oil, resins and paraffin. Free of oxidising agents.

Danger

H phrases: H290|H314|H318|H335

Type	Capacity kg	PK	Cat. No.
Bucket	3	1	**9.192 418**

4 Special cleaner, neodisher® MA

Mildly alkaline detergent for the automated reprocessing of surgical instruments and anaesthesia materials, and other medical technological utensils, powder.   *Dr. Weigert*

Excellent cleaning action and material compatibility. Free of oxidising agents.

Danger

H phrases: H314|H318|H335

Type	Capacity kg	PK	Cat. No.
Bottle	1	1	**9.192 406**
Bucket	10	1	**9.192 405**

1 — Special cleaner, neodisher® LaboClean UW

Mildly alkaline detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, powder.

Dr. Weigert

Especially suitable for the automated cleaning of laboratory glassware and utensils in water analysis laboratories, in serological institutes and in the phosphates industry, where residues of phosphorous compounds would be adulterate analysis results. Free of phosphates.

Danger

H phrases: H314|H318|H335

Type	Capacity kg	PK	Cat. No.
Bucket	10	1	**9.192 445**

2 — Special cleaner, neodisher® LaboClean F

Highly alkaline intensive detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, powder.

Dr. Weigert

With excellent cleaning performance. Especially suitable for the removal of resins, organic colourants and residues of felt-tip pens. Good complexing and dispersing action. Free of phosphates, surfactants and oxidising agents.

Danger

H phrases: H290|H314|H335

Type	Capacity kg	PK	Cat. No.
Tubs	3	1	**9.192 387**

3 — Cleaning detergent ProCare Lab 11 AP

Powder alkaline, free from phosphates. Material protection and good cleaning performance on inorganic and organic soils.
Suitable for: Stainless steel, laboratory glassware, ceramics, suitable plastics (PE, PP, PVDF, PTFE)
Not suitable for: Light alloys and non-ferrous metals, aluminium, anodised aluminium

Miele

Danger

H phrases: H314|H335

Type	Capacity kg	PK	Cat. No.
Bucket	10	1	**6.281 512**

4 — Special cleaner, neodisher® FA

"Classical" alkaline detergent for the automated reprocessing of thermostabile and thermolabile instruments, liquid concentrate.

Dr. Weigert

Excellent cleaning action and material compatibility. Free of surfactants and oxidising agents.

Danger

H phrases: H314|H318|H290

Type	Capacity	PK	Cat. No.
Canister	5 l	1	**9.192 435**
Canister	10 l	1	**9.192 431**
Canister	25 kg	1	**9.192 434**

1   Universal cleaner neodisher® LaboClean FLA

Alkaline universal detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, liquid concentrate.

Dr. Weigert

Universally applicable. With excellent cleaning performance. Removes stubborn oily and other organic residues. Free of surfactants, phosphorous compounds and oxidising agents.

Danger

H phrases: H290|H302|H314

Type	Capacity	PK	Cat. No.
Canister	5 l	1	**9.192 446**
Canister	10 l	1	**9.192 447**
Canister	25 l	1	**9.192 448**

2   Special Cleaner neodisher® LaboClean FM

Alkaline intensive detergent with highly emulsifying and dispersing action, liquid concentrate.

Dr. Weigert

Especially suitable for the removal of oil, fat, resins and paraffin as well as organic dyes. Free of phosphates and oxidising agents.

Danger

H phrases: H290|H314

Type	Capacity	PK	Cat. No.
Canister	5 l	1	**7.654 947**

3   Special cleaner, neodisher® LaboClean FT

Alkaline detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, liquid concentrate.

Dr. Weigert

Especially suitable for the residue-free cleaning of pharmacy glass bottles, infusion flasks, glassware for cell and tissue culture as well as utensils for microbiology and nuclear medicine. Removes residues of culture media, blood, proteins, radioactive contamination, residues of cell and tissue cultures as well as other organic residues. With oxidising effect, free of surfactants.

Danger

H phrases: H290|H314|H400|H411

Type	Capacity kg	PK	Cat. No.
Canister	5	1	**6.261 212**
Canister	12	1	**9.192 436**
Canister	25	1	**9.192 437**

4   Special cleaner neodisher® N

Acidic neutralising agent and detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, liquid concentrate.

Dr. Weigert

For neutralising carried over alkaline residues as well as for the acidic pre-cleaning resp. cleaning of laboratory glassware. Lime and other acid-soluble residues are removed. Easy to rinse off. Based on phosphoric acid. Free of surfactants.

Danger

H phrases: H314|H318|H290

Type	Capacity	PK	Cat. No.
Bottle	1 l	1	**9.192 422**
Canister	5 l	1	**9.192 421**
Canister	12 kg	1	**9.192 420**

You can find ordering information for all articles described above as well as other articles online.

1 Special cleaner neodisher® Z

Acidic neutralsing agent and detergent for the automated cleaning of laboratory glassware and other utensils for laboratories, liquid concentrate.

Dr. Weigert

For neutralising carried over alkaline residues as well as for removing acid-soluble residues in laboratories where residues of phosphates or surfactants would adulterate analysis results and where particular material compability is necessary. Based on organic acids. Free of surfactants and phosphates.

⚠ Warning

H phrases: H319

Type	Capacity	PK	Cat. No.
Bottle	1 L	1	**9.192 426**
Canister	5 L	1	**9.192 425**
Canister	10 L	1	**9.192 427**
Canister	20 L	1	**9.192 428**

2 Special cleaner neodisher® LM 3 for pipettes

Alkaline cleaner for the manual cleaning and pre-cleaning of laboratory glassware as well as for the cleaning of pipettes and viscometers in special washers, liquid concentrate.

Dr. Weigert

Especially suitable for the cleaning of laboratory glassware in water, phosphates and metal laboratories and in laboratories where enzymatic and serological analyses are conducted. Also suitable for automated cleaning. Low foam. Free of phosphates.

⚠ Danger

H phrases: H314|H318|H290

Type	Capacity Litres	PK	Cat. No.
Canister	10	1	**9.192 441**

You can find ordering information for all articles described above as well as other articles online.

3 Special cleaner, neodisher® MediClean forte

Alkaline universal detergent for the automated and manual reprocessing of thermostable and thermolabile instruments, liquid concentrate.

Dr. Weigert

Excellent material compatibility, universally applicable. Residues of dried-on and denaturated blood are reliably removed. Prevents re-deposition of protein residues. Contains alkalinity donors, enzymes and surfactants.

⚠ Warning

H phrases: H210

Type	Capacity Litres	PK	Cat. No.
Canister	5	1	**6.228 020**

4 Cleaning additive, neodisher® EM

Additive for emulsification or dispersion as well as foam suppression in special dishwashers, liquid concentrate.

Dr. Weigert

neodisher® EM, in combination with alkaline and acidic cleaners, emulsifies or disperses undissolved impurities. neodisher® EM emulsifies and/or disperses fats, oils, paraffins and solid matter in aqueous solutions. neodisher EM also has an anti foaming action. Glass, special steel and aluminium are fully resistant to neodisher® EM. Can be used with any level of waterhardness.

⚠ Warning

H phrases: H210

Type	Capacity Litres	PK	Cat. No.
Canister	5	1	**9.192 450**

1 Alkaline detergent, neodisher® Alka 300

Mild alkaline liquid cleaning agent for use in special washing machines.
neodisher® Alka 300 is mildly alkaline and removes blood, protein residues and organic residues.
Instrument steel, chrome nickel steel, chromium-plated and nickel-plated materials, pure aluminium, aluminium-magnesium alloys and ordinary plastics are not affected. Suitability tests should be carried out before use in the case of special instruments, e.g. optical instruments or anaesthetic and respiration materials, as well as anodised aluminium.
neodisher® Alka 300 can be used with any level of water hardness, but should generally be used with softened water for reasons of economy.

Dr. Weigert

Danger

H phrases: H290|H314|H400|H411

Type	Capacity kg	PK	Cat. No.
neodisher® Alka 300	12	1	**6.070 119**
neodisher® Alka 300	25	1	**6.229 269**

2 Cleaning detergent ProCare Lab 11 MA

Powder mildly alkaline, foam-inhibiting, free from oxidants. Good cleaning performance on blood, protein and food residue, good protection against corrosion for laboratory glassware, stainless steel, chrome-plated items, laboratory equipment made from common types of plastic.
Suitable for: Stainless steel, laboratory glassware, ceramics, suitable plastics (PE, PP, PVDF, PTFE)
Not suitable for: Anodised aluminium

Miele

Danger

H phrases: H314|H335

Type	Capacity kg	PK	Cat. No.
Bucket	10	1	**6.281 511**

3 Cleaning Detergent ProCare Lab 10 MA

Liquid, alkaline, versatile, free from oxidants and tensides. Good material protection good cleaning performance on organic soils.
Suitable for: Stainless steel, laboratory glassware, ceramics, suitable plastics (PE, PP, PVDF, PTFE)
Not suitable for: Anodised aluminium

Miele

Danger

H phrases: H290|H314

Type	Capacity Litres	PK	Cat. No.
Canister	5	1	**6.281 513**
Canister	10	1	**6.281 514**

4 Cleaning Detergent ProCare Lab 10 AP

Liquid, alkaline, versatile, free from tensides, phosphates and oxidative agents. Good material protection and good cleaning performance on stubborn or dried-on residues.
Suitable for: Stainless-steel, laboratory glassware, ceramics, plastics (PE, PP, PVDF, PTFE).
Not suitable for: Light alloys and non-ferrous metals, aluminium, anodised aluminium.

Miele

Danger

H phrases: H290|H302|H314

Type	Capacity Litres	PK	Cat. No.
Canister	5	1	**6.281 515**
Canister	10	1	**6.281 516**

1

1 Cleaning Detergent ProCare Lab 10 AT

Liquid, alkaline, contains tensides, versatile, free from phosphates, silicates and oxidative agents. Good material protection and good cleaning performance on stubborn residues such as oils, greases, paraffins, resins and organic dyes.
Suitable for: Stainless-steel, laboratory glassware, ceramics, plastics (PE, PP, PVDF, PTFE).
Not suitable for: Light alloys and non-ferrous metals, aluminium, anodised aluminium.

Miele

Danger

H phrases: H290|H314

Type	Capacity Litres	PK	Cat. No.
Canister	5	1	6.281 517
Canister	10	1	6.281 518

2

2 Neutralising agent ProCare Lab 30 C

Liquid, acidic (based on citric acid), versatile, free from tensides and phosphates. Good material protection and for residues soluble in acids.
Suitable for: Stainless-steel, laboratory glassware, ceramics, plastics (PE, PP, PVDF, PTFE), additionally suitable for the neutralisation of non-anodised aluminium.
Not suitable for: Light alloys and non-ferrous metals, chrome- and nichel-plate parts, anodised aluminium, additionally not suitable for acidic pre-cleaning of non-anodised aluminium.

Miele

Warning

H phrases: H319

Type	Capacity Litres	PK	Cat. No.
Canister	5	1	6.281 519
Canister	10	1	6.281 520

3

3 Neutralising agent ProCare Lab 30 P

Liquid, acidic (based on phosphoric acid), versatile, free from tensides.
Good material protection and removes limescale and other soils soluble in acids.
Suitable for: Stainless-steel, laboratory glassware, ceramics, plastics (PE, PP, PVDF, PTFE).
Not suitable for: Light alloys and non-ferrous metals, chrome- and nichel-plate parts, anodised aluminium, aluminium.

Miele

Danger

H phrases: H290|H314

Type	Capacity Litres	PK	Cat. No.
Canister	5	1	6.281 521
Canister	10	1	6.281 522

4

4 Reactivation salt ProCare Lab Universal 61

Coarse special salt for reactivation of built-in water softener.
It prevents scaling and protects loads.

Miele

Type	Capacity kg	PK	Cat. No.
Box	6	1	7.660 602

1 Universal cleaner, Mucasol®

High performance, alkaline cleaning concentrate in liquid form for soaking and ultrasonic cleaning baths.

Schülke & Mayr GmbH

Suitable for use on laboratory equipment and intruments made of glass, porcelain, plastic, rubber and metal. Items are cleaned in ~ 10 - 30mins, without mechanical help. An alternative to chromosulphuric acid mixtures, free from chlorine and caustic alkalines, non-toxic, non-corrosive and is biodegradable. Zinc and non-anodized aluminium items should not be immersed in Mucasol® for long periods as corrosion may occur. Also suitable for wiping down surfaces.

Danger

H phrases: H315|H318

Contents:	>30% phosphates, <5% anionic surfactants, amphoteric surfactants, complexing agents, corrosion inhibitors, auxiliary agents
Application concentration:	
In ultrasonic baths:	0.2% to 2% (1.4ml/l to 14ml/l)
In soaking baths:	0.7% to 3% (5ml/l to 22ml/l)
Physico-chemical data:	
Liquid:	light green, transparent
Density:	approx. 1.4g/ml
pH value (0.7%):	approx. 11.5
pH value (3%):	approx. 11.7

Type	Capacity Litres	PK	Cat. No.
Bottle	2	1	**9.192 501**

2 Dust remover spray DRUCKLUFT 67

DRUCKLUFT 67 is a high pressure, inert, liquefied gas with a reduced Global Warming Potential (GWP) value of 7. The dry and oil-free gas does not leave any residues and is non-flammable according to directive 2008/47/EC. The spray bottle is equipped with an extension tube for an accurate cleaning procedure removing dust and loose debris. The balanced spray system delivers a medium spray-pressure. Economic and harmless to sensitive components.

CRC

Warning

H phrases: H229

Description	Capacity ml	PK	Cat. No.
Dust remover spray	200	1	**9.412 800**
Dust remover spray	400	1	**9.412 801**
Flexible spray hose 50 cm		1	**7.660 941**

Dust remover spray DRUCKLUFT 67 SUPER/DRUCKLUFT 67 HOCHDRUCK

Spray for the contact-free removal of dust and dirt from hard-to-reach places.
For highest safety also for devices under electric tension. Acc. to Aerosol policy 75/324/EWG no danger of inflammation or explosion even in the presence of ignition sources.
DRUCKLUFT 67 SUPER contains pure and efficient compressed gas. Especially suitable for work under electric tension and for ex-use.

CRC

DRUCKLUFT 67 HOCHDRUCK is based on high purity liquified gas with low global warming potential (GWP=7).
The dry, oil-free gas will not leave residues and is non-flammable according to directive 2008/47/EC.
The high flow rate valve ensures a powerful blowing action for heavy duty applications.

Warning

H phrases: H229

7.027 746

Type	Capacity ml	PK	Cat. No.
DRUCKLUFT 67 SUPER	200	1	**7.027 746**
DRUCKLUFT 67 SUPER	400	1	**9.412 805**
DRUCKLUFT 67 HOCHDRUCK	340	1	**6.242 238**

1 2 3   LLG-Laboratory and hygienic tissues, 2-ply, 150 wipes

Laboratory and hygienic tissues in dispenser box
- contains 150 white, double-ply tissues, 210mm x 220mm
- highly absorbent and ultra-soft
- for sensitive application areas
Carton of 30 boxes with 150 wipes

Wall Mount, wire, white-coated with wall mounting material for packaging up to 70mm depth, please order separately.

Package contents	PK	Cat. No.
Carton of 30 boxes with 150 wipes	30	**9.413 220**
Wall Mount for Laboratory and hygienic tissues	1	**9.405 371**

4   Precision wipes, KIMTECH SCIENCE, 1-ply

Precision tissue wipes for critical cleaning in the electronic, optic and precision mechanics industries, lint-free, highly absorbent and strong, even when wet. 1-ply, white. Anti-static.

Kimberly-Clark

Dimensions mm	Package contents	PK	Cat. No.
304 x 304	Box of 196 wipes	1	**9.413 020**
115 x 215	Box of 280 wipes	1	**9.413 021**

5   Laboratory wipes, KIMTECH SCIENCE*, 2-ply

9.413 017

Tissue wiping cloth for professional use in laboratories. Highly absorbent and soft for wiping up small amounts of liquid and for cleaning pipettes and microscope slides. Chemical resistant and chemically neutral. 2-ply, white. Anti-static.

Kimberly-Clark

9.413 015

Dimensions mm	Package contents	PK	Cat. No.
200 x 210	Box of 100 wipes	100	**9.413 017** 5
200 x 210	Box of 200 wipes	200	**9.413 015** 6

7   Cleaning wipes, KIMTECH*Process Wiper, cloths

Blue, super strong, robust, lint-free, PP reusable wiping cloths, ideal for residue-free wet cleaning with cleaning agents and solvents as well as wiping up oil and grease. 100% silicon-free. Folded into quarters, embossed.

Kimberly-Clark

Colour	Width mm	Length mm	Package contents	PK	Cat. No.
blue	490	380	12 bags containing 35 cloths	12	**9.413 070**

1 Absorbent Towels, KIMTECH* 7505

Soft and gentle, yet strong. White, embossed, sterilisable. Individual cloths.   *Kimberly-Clark*

Dimensions mm	Package contents	PK	Cat. No.
320 x 380	Bag of 50 cloths	50	**9.413 033**

2 3 4 5 Universal dishwashing

Universal cloth:
Made from 80 % viscose and 20 % polyester. The universal cloth has a finely structured surface.
It provides a cleaning result without streaks, is nearly lintfree and washable up to 95 °C.
Please wash in lukewarm water before first use.
Washing up liquid:
HS citro is a dish washing detergent for universal implementation with a fresh fragrance for porcelain, glass, plastic, and metal. Professional recipe with high grease dissolving strength and plant-based skin protecting additives. 1L
Sponge:
For cleaning any kind of incrustation.
Gloves:
Natural rubber. Excellent finger sensitivity, high flexibility. Flock-lined for optimal comfort. Special surface finish provides a firm hold.Good resistance to ketones and many acids. L 305mm.

Description	Colour	Dimensions mm	PK	Cat. No.
Universal cloth	blue/white	380 x 380	10	**6.266 668**
Universal cloth	red/white	380 x 380	10	**6.266 669**
Universal cloth	green/white	380 x 380	10	**6.266 670**
Universal cloth	yellow/white	380 x 380	10	**6.266 671**
Sponge	green/yellow	150 x 90 x 40	10	**6.266 672**
Sponge	green/yellow	95 x 70 x 45	10	**6.266 673**
Washing up liquid, 1L			1	**6.266 678**
Rinsing brush	blue/white	220 x 60	1	**9.019 110**
Gloves size 6 - 6 1/2	yellow		1	**9.005 201**
Gloves size 7 - 7 1/2	yellow		1	**9.005 202**
Gloves size 8 - 8 1/2	yellow		1	**9.005 203**
Gloves size 9 - 9 1/2	yellow		1	**9.005 204**
Gloves size 10 - 10 1/2	yellow		1	**9.005 205**

6 7 Wipes Unitex®

Made from cellulose and polyester fibers, turquoise.

- Without binders, chemicals or adhesives
- Resistant to solvents and silicone free
- Particularly tear-resistant and lintfree
- Useable dry and wet, high absorption capacity
- Excellent for cleaning and degreasing surface

Width mm	Length mm	Thickness mm	Weight g / m²	Package contents	PK	Cat. No.
380	300	0.28	68	pack of 4 x 50 tissues	4	**6.266 676**
390	325	0.28	68	roll with 500 tears	1	**6.266 677**

1 LLG-Laboratory tissues, roll, 102 sheets 3-ply

Roll with 102 sheets (220 x 260mm).
- strong when wet
- absorbent
- low lint

Package contents	PK	Cat. No.
roll of 102 tissues	2	**9.413 224**
roll of 102 tissues (advantage pack)	28	**9.413 225**

Wipes Multitex®

6.261 940

The high-quality viscose fleece with textile characteristics is suitable for wet and dry cleaning thanks to its incredible strength. The cloths are very soft and yet low-lint, they can absorb large amounts of liquid and remain tear-resistant, they are solvent-resistant and they meet food safety requirements. Silicone free.

Width mm	Length mm	Colour	Package contents	PK	Cat. No.
380	340	white	400 sub-packed (10 x 40)	400	**6.261 940** 2
300	400	white	1 roll with 475 tears	1	**7.646 593**

3 Wipes Multiclean®, 3-ply

Handy cleaning cloths, resistant and with high wet strength they are ideal for light and coarse dirt work.
The appropriate holder, whether as floor stand or for wall mounting are available on request.

Width mm	Length mm	Weight g / m²	Package contents	PK	Cat. No.
220	380	60	2 rolls with 500 tears	2	**7.618 013**
360	380	54	2 rolls with 500 tears	2	**7.618 212**
360	380	54	Roll with 1000 tears	1	**7.671 903**

4 5 Wipes Multitex® Ultra z 70, white, disposable tissues

The high-quality viscose fleece with textile characteristics is suitable for wet and dry cleaning thanks to its incredible strength. The cloths are very soft and yet lint-free, they can absorb large amounts of liquid and remain tear-resistant, they are solvent-resistant and they meet food safety requirements. Silicone free.

Width mm	Length mm	Thickness mm	Weight g / m²	Package contents	PK	Cat. No.
350	300	0.36	80	12 bags of 76 tissues	12	**6.266 674**
410	380	0.36	80	roll with 500 tears	1	**6.266 675**

www.wenk-labtec.com

1 Sontara® EC sheets

Engineered specifically for wiping, Sontara EC® is a tough, durable material that is abrasion and solvent resistent, contains no binders or glues, is low-linting, and highly absorbent in water, oil and solvents
- Tough and durable for multiple reuse
- Absorbent and wipes dry
- Solvent-resistant
- Low-linting

Sontara

Width	Length	Thickness	Weight	Package contents	PK	Cat. No.
mm	mm	mm	g / m²			
305	305	0.53	73	1000 tissues	1	**4.663 294**
305	380	0.54	77	roll with 400 tears	1	**4.663 295**

2 Process Wipers, KIMTECH* , roll

Super strong, robust, reusable lint-free PP wipes. Ideal for residue-free wet cleaning of smooth surfaces with cleaning agents and solvents and for wiping up oil and grease. Perforated large roll, embossed.

Kimberly-Clark

Colour	Width	Length	Package contents	PK	Cat. No.
	mm	mm			
blue	305	425	160 towels	1	**7.630 073**
blue	340	380	Large roll of 500 towels	1	**9.413 065**

3 Wipes, WypAll*L10/L20/L30/L40

Perforated, blue Airflex*material. Bulky wipes with excellent absorption capacity and wet strength. For cleaning-up large spillages and suitable for most surfaces.

Kimberly-Clark

L10	AIRFLEX*, 1-ply
L20:	AIRFLEX*, 2-ply
L30:	AIRFLEX*, 3-ply
L40:	DRC base material, 1-ply

Width	Length	Type	Package contents	Colour	PK	Cat. No.
mm	mm					
195	380	L10	6 rolls x 800 wipes	white	6	**6.312 879**
185	380	L10	6 rolls x 630 wipes	white	6	**9.413 018**
235	380	L20	1 roll x 500 wipes	blue	1	**9.413 054**
330	380	L20	1 roll x 500 wipes	blue	1	**9.413 044**
185	380	L20	6 rolls x 300 wipes	white	6	**9.413 091**
235	380	L20	1 roll x 1000 wipes	blue	1	**4.666 151**
240	380	L20	24 rolls x 140 wipes	blue	24	**6.313 602**
370	380	L30	1 roll x 670 wipes	blue	1	**9.413 046**
317	304	L40	56 wipes	white	18	**9.413 093**
320	340	L40	1 roll x 750 wipes	white	1	**9.413 094**

4 Cleaning wipes, WypAll*X60, tear-resistant

Hydroknit*material. The general purpose, extended use, wipe range. Every Wypall*X cloth absorbs liquid rapidly and is puncture and cut-resistant. Extremely hard-wearing and reliable, with excellent tear resistance, even under wet conditions. The unique Hydroknit*fabric structure used for Wypall*X ensures that these cloths provide long lasting, economical cleaning and wiping across a range of possible applications.

Kimberly-Clark

Width	Length	Package contents	PK	Cat. No.
mm	mm			
245	420	Centre-feed, Barrel Roll (blue) of 150 tissues, textured	1	**9.413 019**
318	305	Individual cloths (folded in Z shape, white), 12 bags of 76 tissues	12	**9.413 034**
231	426	10 boxes (white) of 126 tissues	10	**9.413 035**
380	420	Large roll (white) of 750 tissues	1	**9.413 036**

Dispensing systems

- White roll dispenser, 250 mm
- Free-standing or wall mounted unit for large rolls
- Aquarius™ Roll Control Wiper Dispenser

Kimberly-Clark

Description	Colour	Width mm	Depth mm	Height mm	Material	PK	Cat. No.
Wall, for small rolls up to 250 mm width	white	296	148	148	plastic	1	**9.413 043** 1
Floor, for large rolls up to 490 mm width	blue	515	300	328	metal	1	**9.413 047** 2
AQUARIUS* Dispenser casing for Roll Control System	white	276	226	278	plastic	1	**6.264 929** 3

9.413 043

9.413 047

6.264 929

Roll holders

Description	PK	Cat. No.
Floor stand with waste bag holder for rolls up to 42cm width	1	**6.266 990** 4
Wall bracket with waste bag holder for rolls up to 42cm width	1	**6.266 991** 5

6.266 990

6.266 991

6 LLG-Hand towels, 3-ply

Bright white, extra absorbent, completely unfolding, matching with most dispenser systems, economic use by high absorbancy and comfortable size. Suitable for LLG-Dispenser for hand towels, Cat No 7.618 375.

Width mm	Length mm	Package contents	PK	Cat. No.
220	420	20 Packs with 100 tissues	20	**6.266 568**

7 LLG-Hand towel dispenser

White plastic, easy to refill, with window to observe the filling level, suitable for towel up to 245mm width, e.g. Cat. No. 6.266 568.

Width mm	Depth mm	Height mm	PK	Cat. No.
280	137	375	1	**7.618 375**

1 Hand towels, KLEENEX® Ultra

The new way to get more value for money; tissues made of extremely soft, Airflex*material. So economical, they can be used in any situation.

Kimberly-Clark

Description	Width	Length	Package contents	PK	Cat. No.
	mm	mm			
2-ply	215	415	Clip of 94 tissues	1	9.413 051
2-ply	215	315	Clip of 124 tissues	1	9.413 077
3-ply	215	415	Clip of 72 tissues	1	9.413 050
3-ply	215	315	Clip of 96 tissues	15	6.314 919

2 Hand Towels, Scott® Performance

Made of highly absorbent, Airflex*material. These rapidly absorbing hand towels are very effective for drying hands due to high moisture absorbency and good wet strength. 1-ply, 70 % recycled material.

Kimberly-Clark

Colour	Package contents	PK	Cat. No.
White	Pack of 212 towels, 215mm x 315mm	15	6.272 380
Blue	Pack of 212 towels, 215mm x 315mm	15	6.272 381

3 Towels, Scott® Excellent Plus

Airflex™ material, ultra-white, 2-ply. SCOTT® Hand Towels are renowned for their reliability, consistent performance and in-use value. Made from AIRFLEX*Highly Absorbent Fabric, they offer an effective and economical solution to your hand drying requirements. The towels are folded and interleaved so that when they are dispensed they provide an individual towel that is ready for use and has been touched only by the user. The system is hygienic and helps to reduce wastage. FSC-certified.

Kimberly-Clark

Type	Width	Length	Package contents	PK	Cat. No.
	mm	mm			
Small - cross-folded	247	230	Boxes of 180 towels	20	9.413 106

4 LLG-Cellulose tissue, supplied in stacks

- Unbleached or highly bleached
- Pack quantity: 1 x 5kg

Description	Width	Length	PK	Cat. No.
	mm	mm		
unbleached	600	400	1	9.413 210
highly bleached	600	400	1	9.413 211

5 6 Askina® Brauncel® cellulose absorbent pads

Non-sterile. Size 40mm x 50mm. In rolls of 500. Soft, perforated design, easy to tear off. Extremely absorbent and strong.

B. Braun Deutschland

Description	PK	Cat. No.
Cellulose absorbent pads	500	9.413 101
Dispenser	1	9.413 102

1 Cotton wool roll

- 100 % Cotton
- White cotton - bleaching with Hydrogen Peroxide (non chlorine-bleached and without fluorescent whitening agent)
- according to European Pharmacopoeia & Ecotex 100 Certificate, respond to the maximum rate Standards of Biobinden (100 cfu/g)
- Width - Max. 20 cm, length ±7 m (500 g)

For absorbent cotton roll:
- highly absorbent
- Tenacity of water : appr. 23 g/g of cotton

Description	PK	Cat. No.
Cotton roll 500 g, absorbent	1	**9.413 155**
Cotton roll 500 g, non-absorbent	1	**9.413 156**

2 Cotton wool

Meets requirements of German Pharmacopeia.
100% cotton.
Medical cotton wool for home use and general hygiene.

Hartmann

Capacity g	PK	Cat. No.
100	1	**9.413 152**
400	1	**9.413 151**

3 Dustpan, PP

Vikan A/S

- Ergonomically designed
- Food-safe
- For colour coding
- Autoclavable

Length mm	Colour	PK	Cat. No.
330	green	1	**4.666 171**
330	blue	1	**4.666 172**
330	red	1	**4.666 173**
330	white	1	**4.666 174**
330	yellow	1	**4.666 175**

4 Hand brush, PP

Vikan A/S

- Soft bristles
- To remove fine particles
- Food-safe
- For colour coding
- Autoclavable

Bristle length mm	Overall length mm	Width mm	Height mm	Colour	PK	Cat. No.
50	330	35	110	green	1	**4.666 176**
50	330	35	110	blue	1	**4.666 177**
50	330	35	110	red	1	**4.666 178**
50	330	35	110	white	1	**4.666 179**
50	330	35	110	yellow	1	**4.666 180**

1 Broom, PP

Vikan A/S

- Material: PP, Polyester, Stainless Steel
- Soft bristles
- To remove fine particles
- Food-safe
- For colour coding
- Autoclavable

Bristle length mm	Overall length mm	Width mm	Height mm	Colour	PK	Cat. No.
52	410	65	130	green	1	4.666 181
52	410	65	130	blue	1	4.666 182
52	410	65	130	red	1	4.666 183
52	410	65	130	white	1	4.666 184
52	410	65	130	yellow	1	4.666 185
56	610	65	125	green	1	4.666 186
56	610	65	125	blue	1	4.666 187
56	610	65	125	red	1	4.666 188
56	610	65	125	white	1	4.666 189
56	610	65	125	yellow	1	4.666 190

2 Hand Brush, PP, hard

Vikan A/S

Use this multipurpose Hand Brush to effectively clean tables, conveyor belts, chopping
boards, buckets, large bowls and equipment with hard-to-reach corners and crevices.
At one end of the brush are even harder bristles, which make it possible to solve persistent dirt.
- Food-safe
- For colour coding
- Autoclavable

Bristle length mm	Overall length mm	Width mm	Height mm	Colour	PK	Cat. No.
36	200	70	60	green	1	4.666 231
36	200	70	60	blue	1	4.666 232
36	200	70	60	red	1	4.666 233
36	200	70	60	white	1	4.666 234
36	200	70	60	yellow	1	4.666 235

3 Washing Brush with Long Handle, PP, hard

Vikan A/S

This Washing Brush is ideal for cleaning hard-to-reach surfaces on machines and
equipment such as deep buckets, containers and tubs. It has a long handle and angled
bristles that enhance cleaning efficacy.
- Food-safe
- For colour coding
- Autoclavable

Bristle length mm	Overall length mm	Width mm	Height mm	Colour	PK	Cat. No.
36	415	71	75	green	1	4.666 236
36	415	71	75	blue	1	4.666 237
36	415	71	75	red	1	4.666 238
36	415	71	75	white	1	4.666 239
36	415	71	75	yellow	1	4.666 240

1 **1** Ultra Hygienic Handle, PP

Vikan A/S

- Polypropylene, Glass reinforced
- Cold shock and strength tested
- Ergonomically designed
- Easy to clean and dry
- Chemical resistant
- Smooth surface finish
- Food-safe
- For colour coding
- Autoclavable

Length mm	Diam. mm	Colour	PK	Cat. No.
1500	34	green	1	**4.666 246**
1500	34	blue	1	**4.666 247**
1500	34	red	1	**4.666 248**
1500	34	white	1	**4.666 249**
1500	34	yellow	1	**4.666 250**
1300	34	green	1	**4.666 251**
1300	34	blue	1	**4.666 252**
1300	34	red	1	**4.666 253**
1300	34	white	1	**4.666 254**
1300	34	yellow	1	**4.666 255**

Further products can be found in our online shop.

Brushes, natural bristle

Type	Diam. mm	Length mm	PK	Cat. No.
Pipette brush	5	480	1	**9.019 010** 2
Pipe cleaner	4	150	100	**9.019 005** 3
Reagent bottle brush with wool tip	10	190	1	**9.019 020**
Reagent bottle brush with head bundle	10	250	1	**9.019 030** 4
Reagent bottle brush with wool tip	15	280	1	**9.019 035** 5
Reagent bottle brush with wool tip	30	270	1	**9.019 040**
Erlenmeyer flask and bottle brush with head bundle	50	330	1	**9.019 050**
Erlenmeyer flask and bottle brush with head bundle	63	470	1	**9.019 060**
Beaker brush with wooden handle	85	390	1	**9.019 070** 6
Beaker brush with wooden handle	85	430	1	**9.019 080**
Beaker brush with wooden handle	80	430	1	**9.019 090**
Beaker brush with extra long wooden handle	80	630	1	**9.019 092**
Rinsing brush**	60	220	1	**9.019 110** 7
Set*			1	**9.019 002**
Hinge glasses brush bristled falb, with hinge		440	1	**6.237 788**
Replacement head for Hinge glasses brush		43	1	**6.266 904**
Burette brush with 1m long wire handle	30	1000	1	**9.019 100**

* Set consisting of order numbers 9.019 010, 9.019 020, 9.019 030, 9.019 040, 9.019 050, 9.019 060, 9.019 070, 9.019 080, 9.019 090 and 9.019 092.
**Nylon

2 9.019 010

3 9.019 005

4 9.019 030

5 9.019 035

6 9.019 070

7 9.019 110

8 **8** Cleaning brushes

Pack of 10.

ISOLAB

Brush with swivel head, head 21mm x 44mm x 24mm for vessels with NS 29/32 or diam. 24 mm, Lenght: 440 mm

Description	PK	Cat. No.
Brush with swivel head, head 21mm x 44mm x 24mm	10	**6.242 423**

1 LLG-Cleaning brushes

Excellent tools for washing and cleaning of all type of laboratory bottles, flasks, tubes, condensers, burettes, etc.
Brush material is manufactured from highest quality of fibre/perlon for long life cycle. Brush stem is manufactured from corrosion proof twisted steel wire. Brush handle is manufactured from polyproylene and offers extreme easy handling and use of the brush. Unique handle design enables hanging of the brush to a convenient place for easy reach.
Spherical sponge top part enables access to every corner of the labware and guarantees perfect cleaning results.

For	Description	Length mm	Figure	PK	Cat. No.
burettes and tubings	LLG-Cleaning brush 20x125mm	845	a	10	**6.267 293**
large size bottles	LLG-Cleaning brush 70x130mm	460	b	10	**6.267 294**
medium size bottles	LLG-Cleaning brush 50x110mm	460	c	10	**6.267 295**
small size bottles	LLG-Cleaning brush 40x110mm	380	d	10	**6.267 296**
test tubes	LLG-Cleaning brush 25x100mm	295	e	10	**6.267 297**
narrow test tubes	LLG-Cleaning brush 12x80mm	235	f	10	**6.267 298**

2 LLG-Weighing brush, with wooden handle

Fine hair weighing brush with pointed tips and wooden black handle.
Excellent tool for cleaning of weighing boats, weighing dishes and analytical balances.

Description	PK	Cat. No.
LLG-Weighing brush	1	**6.267 404**

3 Brush bag

Empty, imitation leather bag, for 8 brushes.

Type	PK	Cat. No.
Brush bag	1	**9.172 064**

4 Hair brushes, oval

Black goat hair. In metal mounts on round wood handle.

Size	Diam. mm	PK	Cat. No.
0	6	1	**9.172 025**
1	7	1	**9.172 026**
2	8	1	**9.172 027**
3	9	1	**7.655 206**

5 Hair brushes, broad

Bear bristle. Blunt head. Flat stem.

Width mm	Hair length mm	Wall thickness mm	PK	Cat. No.
12.5	16	3.9	1	**9.172 042**
19.0	18	3.9	1	**9.172 043**
25.4	22	4.1	1	**9.172 044**

6 Red marten-hair brushes

Silver ferrule. Black enamelled round handle.

Size	Hair length mm	PK	Cat. No.
2/0	7	1	**6.091 204**
0	8	1	**9.172 050**
1	9	1	**9.172 051**
2	11	1	**9.172 052**
3	13	1	**9.172 053**
4	15	1	**9.172 054**
5	18	1	**9.172 055**
6	19	1	**9.172 056**

7 Balance brush

Oval.

Type	Size	Diam. mm	PK	Cat. No.
Brush	1	5	1	**2.600 069**
Brush	2	6	1	**6.266 807**
Brush	4	9	1	**6.074 169**
Brush	6	12	1	**6.266 808**
Brush set*	2, 4, 6		1	**6.266 825**

*consisting of one brush each size 2/6mm, size 4/9mm and size 6/12mm
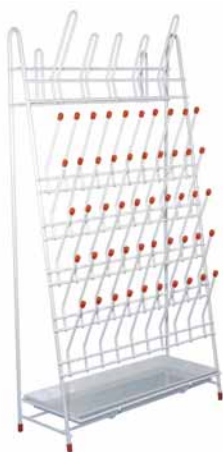
1 LLG-Draining racks, PE-coated wire

Wall or bench mounting for 50 reagent bottles and 5 flasks
With drip channel and plastic covered feet.
Dimensions (L x W x H): 360 x 130 x 650 mm.

Description	PK	Cat. No.
For 50 reagent bottles and 5 flasks	1	**6.281 619**

2 Draining racks, PE-coated wire

Wall or bench mounting. With drip channel and plastic covered feet.

With	Internal dimensions (L x W x H) mm	PK	Cat. No.
60 bars and 5 arches	420 x 160 x 610	1	**9.003 305**
24 bars and 20 arches	420 x 160 x 610	1	**9.003 320**

3 Draining rack, PS

Wall mounting, with wide draining trough. Pegs can be inserted as required.   *Kartell*
Peg holes are sealed at the rear to prevent water leakage penetrating the wall behind.
Supplied with 72 pegs (15mm diameter, 95mm long), 11 small pegs (6mm diameter, 95mm long) drain tubing and fittings for wall mounting.
Dimensions (L x W x H): 450 x 110 x 630 mm

Description	Rods 95 x 15mm Quantity	Rods 95 x 6mm Quantity	PK	Cat. No.
Draining rack, wallmount possible	72	11	1	**9.003 240**
Place supports		11	11	**9.003 032**
Place supports	72		72	**9.003 033**

4 Draining rack LaboPlast®, PVC

The stable rods are individually placed into the holes of the draining rack and are clicked   *Bürkle*
into place. Their positions can be changed at any time.

Scope of supply draining rack with drain channel: Draining rack incl. wall mounting set (screws, dowels), removable drain channel incl. drainage connection and drain tube
Scope of supply draining rack without drain channel: Draining rack incl. wall mounting set (screws, dowels)

Description	Width mm	Height mm	Rods 60 x 6 mm Quantity	Rods 100 x 10 mm Quantity	Rods 150 x 12 mm Quantity	PK	Cat. No.
Without draining channel	400	400	5	26	2	1	**9.003 344**
Without draining channel	500	500	10	39	4	1	**9.003 355**
Without draining channel	600	600	15	56	6	1	**9.003 366**
With draining channel	400	400	5	26	2	1	**9.003 374**
With draining channel	500	500	10	39	4	1	**9.003 375**
With draining channel	600	600	15	56	6	1	**9.003 376**

1 2 Mini-Ultrasonic Cleaner LLG-uniSONIC 1

For convenient cleaning of goggles or smaller laboratory instruments. Eco-friendly, only needs warm water.
By ultrasonic sound millions of small air bubbles are generated. Combined with a very high pressure these achieve a fast, efficient and effortless cleaning.

- Ready to use, no assembly required
- Automatic 3-minute-operation can be stopped anytime
- Removable lid
- Stainless steel tank

Scope of supply: ultrasonic cleaning device, lid

Specifications

Capacity:	appox. 340 ml
Frequency:	45 kHz
cleaning performance:	30 Watt
Outer Dimensions (W x D x H) approx.:	200 x 115 x 115 mm
Dimensions tank (W x D x H) approx.:	155 x 80 x 40 mm
Weight:	630 g
Power supply:	220 ... 240 V, 50 Hz
Warranty:	3 years

Type	PK	Cat. No.
LLG-uniSONIC 1	1	**6.263 560**

3 Ultrasonic Baths, SONOREX SUPER

Bandelin

These devices work at 35kHz and have transducers for maximum cleaning power.
SweepTec® for permanent sound field oscillation ensures even and gentle cleaning.
Available with heating with adjustable temperature range from 30 to 80 °C .
Power information: High ultrasonic peak power and nominal ultrasonic power 230V, 50/60Hz.
All models are spill-proof with stainless steel tanks (RK 102H hard-chromium plated) and outer cases, drip proof (IP32).
For cleaning of technical glassware like burettes, pipettes, petri dishes and laboratory flasks,
metal parts of all kinds, electronic components. Also suitable for cleaning and disinfection of medical instruments and acceleration of suspending processes, production of emulsions.

Type RK 102 H and above supplied with outlet
Type H with heating adjustable from 30 to 80 °C

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	PK	Cat. No.
RK 31 H	0.9	190	85	60	1	**6.200 370**
RK 31	0.9	190	85	60	1	**9.877 021**
RK 52	1.8	150	140	100	1	**9.877 052**
RK 52 H	1.8	150	140	100	1	**9.877 051**
RK 100	3.0	240	140	100	1	**9.877 100**
RK 100 H	3.0	240	140	100	1	**9.877 101**
RK 102 H	3.0	240	140	100	1	**9.877 103**
RK 103 H	4.0	240	140	150	1	**9.877 114**
RK 156	6.0	500	140	100	1	**9.877 156**
RK 156 BH	9.0	500	140	150	1	**9.877 155**
RK 255 H	5.5	300	150	150	1	**9.877 256**
RK 510	9.7	300	240	150	1	**9.877 510**
RK 510 H	9.7	300	240	150	1	**9.877 511**
RK 512 H	13.0	300	240	200	1	**9.877 512**
RK 514	13.5	325	300	150	1	**9.877 540**
RK 514 H	13.5	325	300	150	1	**9.877 516**
RK 514 BH	18.7	325	300	200	1	**9.877 515**
RK 1028	28.0	500	300	200	1	**9.877 537**
RK 1028 H	28.0	500	300	200	1	**9.877 529**
RK 1050	58.0	600	500	200	1	**9.877 551**
RK 1050 CH	90.0	600	500	300	1	**9.877 552**

Ultrasonic Baths, SONOREX SUPER

Heavy duty ultrasonic baths for cleaning or sample treatment in aqueous liquids. *Bandelin*
Suitable for laboratory and respiratory protection area, industry, workshop and service area.
- Stainless steel tank and housing
- Drip water protected
- With integral tank drain tap (G 1/2) for easy emptying (RK 106 with G 1/4)
- Radio shielded

Models with Type addition H with adjustable temperature range.

Specifications
HF-Frequency:	35 kHz, SweepTec®
Temperature range:	30 ... 80 °C
Timer:	1 ... 15 min or continuous
Power supply:	230 V~, 50/60 Hz
IP code:	IP 32

1 Ultrasonic sieve-bath SONOREX SUPER RK 106

Ultrasonic bath for cleaning of 1 test sieve with 200 mm diameter. *Bandelin*
Please order sieve holder SH 7 separately.

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	Plug type	PK	Cat. No.
RK 106	5.6	240	240	130	EU	1	**9.877 106**
RK 106	5.6	240	240	130	UK	1	**9.877 105**
RK 106	5.6	240	240	130	CH	1	**9.877 107**

2 Ultrasonic sieve-bath SONOREX SUPER RK 1040

Ultrasonic bath for cleaning of 1 test sieve with 500 mm diameter. *Bandelin*
Please order sieve holder GH 28 separately.

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	Plug type	PK	Cat. No.
RK 1040	39.5	500	500	195	EU	1	**9.877 108**

3 Ultrasonic sieve-bath Sonorex Super ultrasonic bath RK 1028 C

For 5 test sieves with 200 mm diameter. With handles on both sides. *Bandelin*
Please order sieve holder SH 28 C separately.

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	Plug type	PK	Cat. No.
RK 1028 C	45	500	300	300	EU	1	**9.877 528**
RK 1028 C	45	500	300	300	UK	1	**9.877 538**
RK 1028 C	45	500	300	300	CH	1	**9.877 539**
RK 1028 CH	45	500	300	300	EU	1	**9.877 530**

1   Ultrasonic Baths SONOREX DIGITEC/SONOREX DIGIPLUS

Ultrasonic baths in stainless steel housing, time setting 1, 2, 3, 4, 5, 10, 15, 30 min and
continuous, Type H with heating, adjustable temperature range from 20 to 80 °C and
warning LED at excess temperature, degassing of liquids (DEGAS), Pulse function, SweepTec®.
Power supply 230 V ~, 50/60 Hz.

Bandelin

SONOREX DIGIPLUS DL: Devices additionally with power setting 20 to 100%.

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	PK	Cat. No.
DT 31	0.9	190	85	60	1	**9.877 830**
DT 31 H	0.9	190	85	60	1	**9.877 831**
DT 52	1.8	150	140	100	1	**9.877 832**
DT 52 H	1.8	150	140	100	1	**9.877 833**
DT 100	3.0	240	140	100	1	**9.877 834**
DT 100 H	3.0	240	140	100	1	**9.877 835**
DT 102 H	3.0	240	140	100	1	**9.877 836**
DT 103 H	4.0	240	140	150	1	**9.877 837**
DT 156	6.0	500	140	100	1	**9.877 838**
DT 255	5.5	300	150	150	1	**9.877 839**
DT 255 H	5.5	300	150	150	1	**9.877 840**
DT 510	9.7	300	240	150	1	**9.877 841**
DT 510 H	9.7	300	240	150	1	**9.877 842**
DT 106	5.6	240	240	130	1	**9.877 848**
DT 156 BH	9.0	500	140	150	1	**9.877 849**
DT 512 H	13.0	300	240	200	1	**9.877 850**
DT 514	13.5	325	300	150	1	**9.877 851**
DT 514 H	13.5	325	300	150	1	**9.877 852**
DT 514 BH	18.7	325	300	200	1	**9.877 853**
DT 1028	28.0	500	300	200	1	**9.877 854**
DT 1028 H	28.0	500	300	200	1	**9.877 855**
DT 1028 CH	45.0	500	300	300	1	**9.877 857**
DT 1050 CH	90.0	600	500	300	1	**9.877 860**
DL 102 H	3.0	240	140	100	1	**9.877 865**
DL 156 BH	9.0	500	140	150	1	**9.877 866**
DL 255 H	5.5	300	150	150	1	**9.877 867**
DL 510 H	9.7	300	240	150	1	**9.877 868**
DL 512 H	13.0	300	240	200	1	**9.877 869**
DL 514 BH	18.7	325	300	200	1	**9.877 870**
DL 1028 H	28.0	500	300	200	1	**9.877 871**

Ultrasonic Baths Sonorex Digitec DT ... F - Basic equipment

Flat ultrasonic baths with fast degassing and for sample preparation.
- Sample preparation in laboratory flasks
- Fast degassing of samples at the push of the button
- Homogenising
- Same power density in all ultrasonic baths
- Reproducibility of results in the different bath sizes
- Uniform sonication of samples irrespective of size and arrangement of the flasks

Bandelin

9.877 862

Scope of delivery:
DT 510 F: flask holder GL 510 F and 250ml Tickopur R 33
DT 1028 F: 2 x flask holder GL 510 F and 250ml Tickopur R 33

Spring clamps EK or flask holders ZF are necessary to fix the laboratory flasks.

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	PK	Cat. No.
DT 510 F	4.3	300	240	65	1	**9.877 862**
DT 1028 F	9.5	500	300	65	1	**9.877 863**

1 Suspension baskets for Sonorex ultrasonic baths

Stainless steel.   *Bandelin*

Optimal ultrasonic wave transmission. Items to be cleaned should not be placed on the bottom of the tank.
K 6: round, adjustable.

Type		For bath type	Width mm	Depth mm	Height mm		PK	Cat. No.
K 1 C		RK/DT 52 / 52 H	120	110	40		1	**9.877 631**
K 3 C		RK/DT 100 / 100 H / 102 H / 102 H-RC, DL 102 H	200	110	40		1	**9.877 633**
K 3 CL		RK/DT 103 H	200	110	40		1	**9.877 632**
K 5 C		RK/DT 255 H / 255 H-RC, DL 255 H	260	110	40		1	**9.877 635**
K 6		RK/DT 106	215	215	50		1	**9.877 634**
K 6 L		RK/DT 156	460	100	50		1	**9.877 636**
K 6 BL		RK/DT 156 BH, DL 156 BH	460	100	50		1	**9.877 637**
K 08		RK/DT 31 / H	170	65	50		1	**9.877 630**
K 10		RK/DT 510 / 510 H / 510 H-RC, DL 510 H	250	195	50		1	**9.877 697**
K 10 B		RK/DT 512 H, DL512 H	250	195	50		1	**9.877 700**
K 14		RK/DT 514 / H	275	245	50		1	**9.877 694**
K 14 B		RK/DT 514 BH / 514 H-RC, DL 514 BH	275	245	50		1	**9.877 701**
K 28		RK 1028/H / DT 1028 / H, DL 1028 H	455	245	50		1	**9.877 698**
K 28 C		RK/DT 1028 CH	455	245	50		1	**9.877 702**
K 28 CA	**	RK1028 CH	470	270	215		1	**9.877 712**
K 28 CV	*	RK1028 CH	470	270	215		1	**9.877 713**
K 50		RK 1050	545	450	50		1	**9.877 699**
K 50 C		RK/DT 1050 CH	545	450	50		1	**9.877 703**
K 50 CA	***	RK 1050 CH	540	445	240		1	**9.877 715**
K 50 CV	**	RK 1050 CH	540	445	240		1	**9.877 716**

*3 sections
**6 sections
***9 sections

2 Handle adjusters, GV 3 and GV 10, for Sonorex insert baskets

The immersion depth of the baskets can be continuously adjusted using the handle   *Bandelin*
adjuster prevents laboratory flasks from floating, tipping over or becoming flooded.
Quick and easy attachment to insert baskets or utensil holders (except GH 1).
1 pair.

Type	For baskets	PK	Cat. No.
GV 3	K 1 C, K 3 C, K 3 CL, K 5 CL, K 6 L, K 6 BL	1	**9.877 720**
GV 10	K 10, K 10 B, K 14, K 14 B, K 28, K 28 C, GH 10, GH 28	1	**9.877 721**

Flask Clips for Sonorex insert baskets

Stainless steel. Suitable for insert baskets and instrument holders with mesh size   *Bandelin*
up to 12.5mm x 12.5mm and for glass holder GL for DT...F.
Essential for the attachment of laboratory flasks.

9.877 651

Type	PK	Cat. No.
EK 10 for insert baskets up to 31 mm dia.	1	**9.877 651** 3
EK 25 for insert baskets up to 42 mm dia.	1	**9.877 653** 4
EK 50 for insert baskets up to 52 mm dia.	1	**9.877 655**
EK 100 for insert baskets up to 65 mm dia.	1	**9.877 657**
EK 250 for insert baskets up to 85 mm dia.	1	**9.877 658**

9.877 653

1   Lids for Sonorex ultrasonic baths

Stainless steel. *Bandelin*
For covering bath tanks, as outlined below.

Type	For bath type	PK	Cat. No.
D 08	RK/DT 31 / H	1	**9.877 597**
D 52	RK/DT 52 / 52 H	1	**9.877 601**
D 100	RK/DT 100 H / 102 H /102 H-RC / 103 H, DL 102 H	1	**9.877 603**
D 6	RK/DT 106	1	**9.877 606**
D 156	RK/DT 156 BH, DL 156 BH	1	**9.877 602**
D 255	RK/DT 255 H / 255 H-RC, DL 255 H	1	**9.877 605**
D 510	RK/DT 510 / 510 H / 510 H-RC / 512 H, DL 510 H	1	**9.877 610**
D 514	RK/DT 514 / 514 H / 514 BH / 514 BH-RC, DL 514 BH	1	**9.877 604**
D 1028	RK 1028/H / DT 1028 H, DL 1028 H	1	**9.877 607**
D 1028C	RK/DT 1028 CH	1	**9.877 600**
D 1050 C	RK1050 CH	1	**9.877 608**
D 170	RK 170/H	1	**6.230 773**

2   Sonorex insert beakers

For positioning lids and beaker holders. *Bandelin*
SD 06, PD 06, EB 05: with retaining ring
SD 05, KB 04, SD 04: with retaining ring, only for DE 08
SD 09: with retaining ring

Type	Capacity ml	Diam. mm	Height mm	Material	PK	Cat. No.
SD 04	400	76	110	Glass	1	**9.877 624**
SD 05	600	76	150	Glass	1	**9.877 645**
SD 06*	600	84	125	Glass	1	**9.877 622**
SD 09	1000	91	180	Glass	1	**9.877 623**
EB 05*	600	87	120	Stainless steel	1	**9.877 626**
KB 04	400	76	110	Plastic	1	**9.877 644**
PD 06*	600	86	125	Plastic	1	**9.877 628**

* with lid.

3   Inset baskets for SONOREX insert beakers

Mesh width: 1 x 1 mm. *Bandelin*
KD 0: Stainless steel wire basket
PD 04: Plastic basket with sieve bottom

Type	For	Int. diam. mm	Material	PK	Cat. No.
PD 04	Inset beakers	60	Plastic	1	**9.877 643**
KD 0*	Inset beakers	75	Stainless steel	1	**9.877 642**

*not for SD 04, SD 05 and KB 04

4   Insert tubs for Sonorex ultrasonic baths

Unperforated plastic, with cover. For cleaning with aggressive liquids. *Bandelin*

Type	For bath type	Internal dimensions (W x D x H) mm	PK	Cat. No.
KW 3	RK/DT 102 H / 102 H-RC / 103 H / 100 / H, DL 102 H	195 x 115 x 88	1	**9.877 800**
KW 5	RK/DT 255 H/-RC, DL 255 H	254 x 96 x 130	1	**9.877 801**
KW 14	RK/DT 514/H	280 x 215 x 145	1	**9.877 802**
KW 14 B	RK/DT 514 BH-/-RC, DL 514 BH	275 x 210 x 195	1	**9.877 803**
KW 28-0	RK 1028/H, DT 1028 H/CH, DL 1028 H	437 x 230 x 155	1	**9.877 804**
KW 50-0	RK 1050	517 x 445 x 184	1	**9.877 806**
KW 50 B-0	RK1050 CH	445 x 520 x 284	1	**9.877 717**
KW 10-0	RK 510/H, DT 510/H/H-RC, DL 510 H	242 x 182 x 135	1	**6.207 107**

1 Utensil and test sieve holder for Sonorex ultrasonic baths

Bandelin

Instrument and test sieve holder.
GH 1: Holder for 1L glass flasks, 105mm diameter.
SH 7: Sieve holder for test sieve 200mm diameter.
GH 10/28 instrument holders, stainless steel, mesh size 12.5mm x 12.5mm

Type	For bath type	Dimensions (W x D) mm	PK	Cat. No.
GH 1	RK/DT 52, RK/DT 100 / H, RK 103 H, RK/DT 102 H / H-RC, DT 103 H, DL 102 H	129 x 117	1	**9.877 781**
SH 7	RK/DT 106	-	1	**9.877 784**
GH 10	RK/DT 510 / 510 H / H-RC, DL 510 H	260 x 200	1	**9.877 731**
GH 28	RK 1028/H, DT 1028 H/CH, RK 1040	455 x 250	1	**9.877 733**
SH 28 C	RK 1028 C	-	1	**9.877 746**

2 Ultrasonic bath BactoSonic® 14.2

Bandelin

Ultrasonic special bath for a gentle removal of biofilms.

Scope of supply:
BactoSonic® 14.2: Ultrasonic bath only
BactoSonic® 14.2 SET: Ready-to-use Set consisting of
-Ultrasonic bath BS 14.2
-Scientifically proven description of the procedure
-Transport containers: IB 5, PP, 0.52 l - 2 pcs
                                                IB 6, PP, 0.6 l - 2 pcs
                                                IB 10, PP, 1.0 - 1 piece
                                                IB 18, PP, 1.8 l - 1 piece
                                                IB 20, PP, 2.0 l - 1 piece
-Container carriers for transport containers: BT 5, PC, for 2 pcs IB 5
                                                BT 6, PC, for 2 pcs IB 6
                                                BT 10, PC, for 1 piece IB 10
                                                BT 18, PC, for 1 piece IB 18
-Utensil holder for transport containers: GH 14, stainless steel, for 3 pcs IB 20
-Frame for foil test: FT 14
-Contact liquid: TICKOPUR R 33 - 250 ml (concentrate)

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	PK	Cat. No.
BactoSonic® 14.2, bath only	13.5	325	300	150	1	**7.920 371**
BactoSonic® 14.2 SET	13.5	325	300	150	1	**9.650 290**

3 Container holders, PC for BactoSonic® 14.2

Bandelin

Type	For	PK	Cat. No.
BT 5	IB 5	1	**9.650 311**
BT 6	IB 6	1	**9.650 312**
BT 10	IB 10	1	**9.650 313**
BT 18	IB 18	1	**9.650 314**

Transport containers, PP for BactoSonic® 14.2

Bandelin

Type	Capacity L	Dimensions mm	PK	Cat. No.
IB 5	0.5	145 x 110 x 67	5	**9.650 291** 4
IB 6	0.6	dia. 142 x 68	5	**9.650 292** 5
IB 10	1.0	278 x 115 x 60	5	**9.650 293** 6
IB 18	1.8	208 x 143 x 94	5	**9.650 294** 7
IB 20	2.0	135 x 102 x 282	5	**9.650 295** 8

| 9.650 291 | 9.650 292 | 9.650 293 | 9.650 294 | 9.650 295 |

1   Ultrasonic bath SONOCOOL® 255

Bandelin

Ready-to-use set consisting of:
- Ultrasonic bath SC 255
- Sample holder PH 255-11 for 11 inset beakers SD 01.2
- Lid made of glass D 255 G
- Inset beakers SD 01.2, glass - without spout, 20 pieces of 100 ml,
- 250 ml TICKOPUR TR 3 (contact liquid concentrate)

Specifikations

Inner tank dimensions (W x D x H):	280 × 150 × 150 mm
Tank volume:	5 litres (contact liquid)
Adjustable temperature range:	4 - 40 °C (at 20 °C room temperature)
Cooling power:	200 W
Ultrasonic peak power:	720 W
Ultrasonic nominal power:	180 W
Power setting:	adjustable: 25/50/75/100 %
Ultrasonic frequency:	35 kHz, SweepTec®
Timer:	10 s - 99 h 59 min 59 s (countdown)
External dimensions (W x D x H):	360 × 605 × 385 mm
Housing:	aluminium: coated with flush pulls (grips recessed inside the housing)
Outlet:	front left, concealed
Current consumption:	1.6 A
Mains connection:	230 V~ (±10 %) 50/60 Hz
Weight:	27.5 kg
IP code:	IP 31

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	PK	Cat. No.
SONOCOOL® 255	5	280	150	150	1	**9.650 300**

2   Ultrasonic pipette cleaner PR 140 DH

Bandelin

Ultrasonic cleaning of plastic or glass pipettes, burettes and other glassware.
Short cleaning times, no time-consuming washing.
- Gentle cleaning of volume-measuring devices and parts with lengths up to 755 mm
- Pulse function
- With heating for dissolving grease residues
- Robust tank of stainless steel 1.4301, 1.5 mm
- Tilt handles for easy transport
- Placement on the floor nearby the drain
- Cleaning liquid for multiple use, fast emptying by ball valve

Scope of supply:
Ultrasonic bath PR 140 DH incl. pipette basket K 140 B, lid 140 D, cleaning concentrate
TICKOPUR R 33 (5 l) and TICKOPUR TR 3 (1 l)

⚠ **Danger**

H phrases: H315|H318

Specifications

Effective capacity:	9 ... 18 l
Effective cleaning depth:	850 mm
Ultrasonic output max.:	800 W
Ultrasonic nominal power:	200 W
Ultrasonic frequency:	35 kHz, SweepTec®
Adjustable temperature range:	20 ... 80 °C
Heating capacity:	700 W
Timer:	1, 2, 3, 4, 5, 10, 15, 30 min, continuous
Dimensions, outer (L x W x H):	330 x 330 x 1003 mm (without handles and stopckock)
Dimensions, inner (L x W x H):	150 x 150 x 895 mm
Weight:	28.2 kg
Power supply:	230 V~, 50/60 Hz
IP code:	IP 33

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	PK	Cat. No.
Set PR 140 DH	18	150	150	895	1	**6.280 456**

1   Ultrasonic Bath with Shaking Device SONOSHAKE

Consisting of: *Bandelin*
Ultrasonic bath Sonorex Digitec DT 1028 F
- Especially for sonification of samples in laboratory flasks and for rapid degassing (DEGAS)
- Low-profile, ultrasonic bath with stainless steel tank, inner dimensions 500mm x 300mm x 65mm (L x W x D)
- Housing made of stainless steel, protected against spray, 535mm x 325mm x 205mm (L x W x H)
- Outlet: G½ ball valve
- Timer: 1, 2, 3, 4, 5, 10, 15, 30 min, or continuous
- Ultrasonic peak power 1280W
- Ultrasonic nominal power 320W
- Working frequency 35kHz, SweepTec®
- Current consumption 1.4A

Shaking device SA 1028
- Analogue setting of time (1 to 15 min, or continuous) and shaking frequency
- Reciprocating motion: settings in 4 steps possible of up to 200/min
- Constant amplitude of 20mm independent of loading
- Rack easy to remove - easy mounting of the laboratory clamps EK 10-250 (separately to order)
- Footprint approx. 410mm x 280mm (L x W)
- Holds 36 x 10ml, 36 x 25ml, 18 × 50ml, 12 x 100ml or 10 x 250ml flasks

- Bench space required for Sonoshake approx. 850mm x 360mm (L x W)

An existing SONOREX DIGITEC DT 1028 F ultrasonic bath can easily be retrofitted with the shaker attachment SA 1028.

Type	Capacity of the bath litres	Width of the interior mm	Depth of the interior mm	Height of the interior mm	PK	Cat. No.
SONOSHAKE	9.5	500	300	65	1	**9.877 864**

6.280 063

2   Sound proof boxes USBB series

The USBB series has been developed especially for the noise insulation of ultrasonic   *Sonation GmbH*
baths in the laboratory.
Advantages:
- High noise reduction up to 30dB(A). That means a drop in noise of 90 to 95%
- Available in four different sizes for mostly all ultrasonic baths, compatibility list for Bandelin Ultrasonic baths on request
- The cover can be completely opened, so the removal of the basket is very easy to handle
- Smooth and easy handling of the cover, no additional space needed when opening, so the box can be placed and operated under extractor hoods
- Control panel stays visible. Thanks to the transparent front, the progress of the washing program can be observed anytime
- Equipped with fast access openings on the front and both sides to operate the ultrasonic bath or to drain the cleaning agent
- Integrated fan to remove vapors
- Recessed grips on the sides for easy transportation
- Powder coated, robust and easy cleanable surface

Type	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
USBB-S	512 x 350 x 125	454 x 269 x 316	15	1	**6.280 063** 2
USBB-L	607 x 460 x 633	529 x 379 x 496	25	1	**6.280 064**

www.wenk-labtec.com

Concentrates for ultrasonic baths TICKOPUR

Concentrates for SONOREX ultrasonic cleaning baths. Enhances cavitation, cleans intensively, kind to most materials and free from chloride. For use cold or warmed up.

Bandelin

TICKOPUR R 33: Universal cleaner, concentrate. Properties: mildly alkaline pH 9.9 at 1%, dosage 3 to 5%. For: metal, light metals, glass, ceramics, plastic, rubber, e-filters, respirators. Against: grinding, polishing and lapping residues, oily and greasy soiling, waxes, silicone films, ink.
TICKOPUR RW 77: Special cleaner with ammonia, concentrate. Properties: mildly alkaline, pH 9.9 at 1%, dosage 5%. Based on: surfactants, ammonia. For: metal, glass, ceramics, plastic, rubber, boards, watches, test sieves. Beware of light metals. Against: resin, soot, pigments, polishing and lapping residues, greases, oils, waxes, stains, flux.

Danger

H phrases: H315|H318

1

9.192 605

Type	Capacity Litres	PK	Cat. No.
TICKOPUR R 33	1	1	**9.192 601**
TICKOPUR R 33	2	1	**9.192 602**
TICKOPUR R 33	5	1	**9.192 605** 1
TICKOPUR R 33	25	1	**9.192 610**
TICKOPUR RW 77	1	1	**9.192 611**
TICKOPUR RW 77	2	1	**9.192 612**
TICKOPUR RW 77	5	1	**9.192 615**

* Transport regulations for dangerous goods have to be observed.
Further products can be found in our online shop.

Concentrates for ultrasonic baths STAMMOPUR

STAMMOPUR concentrates have been especially developed for ultrasonic application and are marked CE according to the Medical Devices Directive (MDD). All solutions are environmentally friendly, biodegradable and easy to dispose. STAMMOPUR contains special active substances and adjuvants which achieve an optimal disinfecting and cleansing effect while at the same time sparing the instruments

Bandelin

STAMMOPUR 24*: Intensive disinfection and cleaning concentrate. VAH-certified-bactericidal, yeasticidal virucidal against BVDV, Vaccinia, HBV, HCV, HIV. Effectiveness EXAM - expertise against H5N1. Free from aldehydes, chlorine and phenol. Application 1% to 2%, mildly alkaline, pH 9.9 (1%). Highly compatible with most materials.
STAMMOPUR DR 8*: Instrument disinfection and intensive cleaning concentrate. VAH-certified. Without aldehydes-, phenols and chlorine. Bactericidal, virucidal against Vaccinia, BVDV, Papova, Adeno, HBV, HCV, HIV, H5N1. Application 1 % to 3 %, mildly alkaline, pH 9.9 (1%).

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

2

9.192 711

Danger

H phrases: H302|H314|H317|H334|H336|H361fd|H411

Type	Capacity Litres	PK	Cat. No.
STAMMOPUR 24*	2	1	**9.192 711** 2
STAMMOPUR 24*	5	1	**9.192 712**
STAMMOPUR 24*	25	1	**9.192 714**
STAMMOPUR DR 8*	2	1	**6.201 247**
STAMMOPUR DR 8*	5	1	**6.900 236**

* Transport regulations for dangerous goods have to be observed.
Further products can be found in our online shop.

Miele

Strong and flexible:
Miele lab washers in three size categories

Miele Professional. Immer Besser.

Miele sets new standards with three model series
when it comes to performance, safety and user-friendliness
in the reprocessing of laboratory glassware.

• PLW 86* large-chamber lab washers in two widths
• Space-saving SlimLine units with ample capacity on a
  small footprint
• Compact lab washers* – also as undercounter models
• With EasyLoad – Miele's highly flexible loading system

www.miele.com

*Equipped with EasyLoad: PLW 86 and compact lab washers

**Perfectly matched
System4Lab -
Single-source supply**

System4Lab

1 2 Washer-disinfector PG 8583/PG 8583 CD/PG 8593

PG 8583   *Miele*
- Capacity per cycle: e.g. 128 laboratory flasks or 98 pipettes together with other
  laboratory glassware
- Efficient use of resources with the variable speed heater pump
- Monitored for reliability: Wash pressure and spray arm monitoring
- Convenient drying assistance: EcoDry function
- Total security: Link to process documentation possible
- Depending on version, up to 2 integrated dispenser pumps for liquid products

PG 8593
- Additionally with integrated DryPlus hot-air drying

PG 8583 CD
- Additionally conductivity monitoring
- Efficient hot air drying: Dry Plus
- Two integrated dosing pumps (liquid detergent, neutralising agents)
- Setting options for chemical agents (3 x 5l/2x 10l)

In several countries different machine versions of Miele washer-disinfector are availabe (type, electrical connections etc.)

Specifications
Dimensions (W x D x H)
PG 8583 + PG 8593:   600 x 600 x 835 (820 without lid)mm
PG 8583 CD: 900 x 600 x 820 mm
Controls: TouchControl
Water connection: 2x cold-, hot- and de-min. water
Power supply: 3N AC/400 V/50 Hz/9.3 kW

Type	Housing	Description	PK	Cat. No.
PG 8583	White	Powder dispensing*	1	**6.266 426**
PG 8583	White	Liquid dispensing*	1	**6.266 427**
PG 8583	Stainless steel	Powder dispensing*	1	**6.266 428**
PG 8583	Stainless steel	Liquid dispensing*	1	**6.266 429**
PG 8583	Stainless steel	Powder dispensing**	1	**6.266 430**
PG 8583	Stainless steel	Liquid dispensing**	1	**6.266 431**
PG 8583	Stainless steel	Powder dispensing, oil application*	1	**6.266 432**
PG 8583	Stainless steel	Liquid dispensing, oil application*	1	**6.266 433**
PG 8593	Stainless steel	with DOS module	1	**6.266 434**
PG 8593	Stainless steel	with conductivity monitoring and DOS module	1	**6.266 435**
PG 8593	Stainless steel	with DOS module, suitable for oil applications	1	**6.266 436**
PG 8583 CD	Stainless steel	with water-connection conductivity module*	1	**6.269 767**
PG 8583 CD	Stainless steel	demineralised water pump, with water-connection conductivity module**	1	**6.287 715**
PG 8583 CD	Stainless steel	with water-connection conductivity module, oil application*	1	**6.280 201**

*hot water and distilled water connection
**hot water connection, distilled water pump

PG 8583

PG 8583 CD

1 2 Baskets and carriages for Miele Laboratory Washers and Disinfectors

Easy Load: *Miele*
- New injector system for all common injector modules and a large number of further load carriers
- Optimum use of available vertical clearance
- Particularly fast and simple arrangement of load
- Thorough internal cleaning of glassware of all shapes and sizes
- Secure hold and exceptional material protection during wash cycle

Type	Description	For	PK	Cat. No.
A 100	Upper basket for modules	PG 8583 / PG 8593	1	**6.266 437**
A 101	Upper basket / mounting height 160 ±30mm	PG 8583 / PG 8593	1	**6.266 438**
A 102	Upper basket / mounting height 205 ±30 mm	PG 8583 / PG 8593	1	**6.266 439**
A 103	Upper basket for lids and accessories	PG 8583 / PG 8593	1	**6.266 440**
A 301/5	Module for laboratory glassware 2 x 9, 18 injector nozzles	PG 8583 / PG 8593	1	**4.666 032**
A302/3	Module for laboratory glassware 2 x 16, 32 injector nozzles	PG 8583 / PG 8593	1	**4.666 034**
A 150	Lower basket for modules	PG 8583 / PG 8593	1	**6.266 441**
A 151	Lower basket (W x D x H): 529 x 522 x 88mm, mounting height depending on upper basket	PG 8583 / PG 8593	1	**6.266 442**
A 200	Carriage for pipettes	PG 8583 / PG 8593	1	**6.266 448**
A 202	Carriage for sieve trays	PG 8583 / PG 8593	1	**6.266 444**
A 861	Holding frame for A 301/4 and A 301/5	PG 8583 / PG 8593	1	**4.666 339**
A 862	Holding frame 4 x 8	PG 8583 / PG 8593	1	**4.667 530**

Modules for Miele Laboratory Washers and Disinfectors

Miele

Type	Description	For	PK	Cat. No.
A 300/3	Module for laboratory glassware with 8 nozzles	PG 8583 / PG 8593 / 120 series	1	**4.666 033**
A 301/5	Module for laboratory glassware 3 x 6, 18 injector nozzles	PG 8583 / PG 8593	1	**4.666 032**
A302/3	Module for laboratory glassware 4 x 8, 16 injector nozzles	PG 8583 / PG 8593	1	**4.666 034**
A 861	Holding frame for A 301/4 and A 301/5	PG 8583 / PG 8593	1	**4.666 339**
A 862	Holding frame 4 x 8	PG 8583 / PG 8593	1	**4.667 530**

Accessories for Miele Laboratory Washers and Disinfectors

Miele

Type	Description	For	PK	Cat. No.
A2	Net 1/2, 216 x 456 mm	PG 8583 / 8593	1	**9.803 720**
A 3	Net 1/4, for inserts 1/4 metal frame	PG 8583	1	**9.803 738**
DE-CS7	Stainless-steel lid	PG 8583	1	**6.401 199**
ML/2	Magnetic strip for automatic mobile unit recognition	PG 8583	1	**9.803 766**
A 11/1	Frame 1/1, 450 x 450 mm	PG 8583 / 8593	1	**9.803 737**
A12	Frame 1/2	PG 8583 / 8593	1	**9.803 719**
A 802	Flushing nozzle for injector modules	PG 8583 / 8593	1	**6.266 443**
E 313	Wall fitting	PG 8056 / 8057 / 8172	1	**9.803 759**
E 314	Floor fitting	PG 8056 / 8057 / 8172	1	**9.803 760**
E 315	Disposable ion exchange resin for E 318	PG 8583 / 8593 / 8056 / 8057 / 8172	1	**9.803 755**
E 316	Resin dispensing set	PG 8583 / 8593 / 8056 / 8057 / 8172	1	**9.803 756**
E 336	Pipette sleeve MIBO	PG 8583 / 8593	1	**9.803 765**
DOS K 85/1	Dosing module for PG 8583/8593 with short suction lance (5-l-container)	PG 8583 / 8593	1	**6.266 457**
DOS K 85	Dosing module for PG 8583/8593 with long suction lance (10-l-container)	PG 8583 / 8593	1	**6.266 458**
VE P 2800	cartridge stainless steel filled	PG 8583 / 8593 / 8056 / 8057 / 8172	1	**6.280 202**
HEPA filter		PG 8583	1	**6.235 680**
Coarse filter		PG 8583	1	**7.646 222**

➡ Note: We can supply products from the <u>entire</u> Miele laboratory range, on request.

CertoClav tabletop autoclaves

Its versatility and compact construction make autoclaves especially interesting for small labs or they can be used as an optimal addition to a large autoclave.

CertoClav

All models: Low-maintenance. No water connection required. Compliant with 2014/35/EU Low Voltage Directive, 2014/30/EU EMV Directive, 2011/65/EU Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Vertical models: Class N steam sterilisers. Venting procedure: free steam flow process or fractional flow procedure. A heater is integrated in the bottom of the chamber, but it is not exposed. Therefore, it cannot calcify. The autoclaves are easy to transport and location independent. All you need is a power supply and a mixture of tap water and demineralised water. Safeguarded by a multiple safety system. In aluminum models, it consists of an overpressure valve, a pressure valve, a safety lock inside the lid to prevent opening under pressure and the overpressure safety cavity. In stainless steel models, it consists of an overpressure valve, a pressure valve, a safety lock inside the lid to prevent opening under pressure and a two-bimetal safeguard to prevent overheating of the device.

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1   Tabletop autoclaves CertoClav EL

The vertical laboratory autoclave with valve control is suitable for sterilisation of unpackaged solids without hollow bodies, liquids, bottles, instruments, synthetic materials, food preservation, culture media preparation and waste. A precision manometer with drag pointer and a precision thermometer ensure that operations and processes are precise. This autoclave is available in two versions, each with two temperature levels. Pressure control via valve, temperature control via thermostat. Pressure valves are not interchangeable, because the thermostat of the device is perfectly adapted and calibrated to the valve.

CertoClav

Scope of supply: Autoclave, stable instrument panel with 3 feeds, minimum water level indicator, power cable

Specifications   EL 12 // EL 18
Chamber diameter: 240 mm
Chamber depth: 260 // 390 mm
Air evacuation: Free steam flow process
Chamber material: Aluminium
Operating pressure: 2.7 bar
Heating capacity: 1900 W
Power supply: 230 V ±10 %/50 - 60 Hz

Type	Capacity	Working Temp. range	Weight		PK	Cat. No.
	Litres	°C	kg			
EL 12	12	125 / 140	6.2		1	**9.842 013**
EL 12	12	115 / 121	6.2		1	**6.243 349**
EL 18	18	125 / 140	7.6		1	**9.842 014**
EL 18	18	115 / 121	7.6		1	**6.232 206**

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2   Tabletop autoclaves CertoClav Classic

CertoClav Classic is the result of further development of the EL, but made of corrosion resistant, electropolished stainless steel. Suitable for sterilisation of unpackaged solids without hollow bodies, liquids, bottles, instruments, synthetic materials, food preservation, culture media preparation and waste. A timer is integrated.

CertoClav

Scope of suppy: Autoclav, stable instrument panel with 3 feeds, minimum water level indicator, power cable

Specifications
Chamber diameter: 260 mm
Chamber depth: 350 mm
Air evacuation: Free steam flow process
Chamber material: Stainless steel
Operating pressure: 2.7 bar
Heating capacity: 1300 W
Power supply: 230 V ±10 %/50 - 60 Hz

Type	Capacity	Working Temp. range	Weight		PK	Cat. No.
	Litres	°C	kg			
Classic	18	125 / 140	8.8		1	**9.842 028**
Classic	18	115 / 121	8.8		1	**9.842 029**

1

9.842 030

Laboratory autoclaves CertoClav MultiControl 2

The PT100 sensor-controlled, vertical laboratory autoclave is suitable for extended/long-term cycles, material tests, HAST test, pressure vessel test und ICP - TM 650, food preservation, culture media preparation, sterilisation of waste, unpackaged solids without hollow bodies, liquids, bottles, instruments, synthetic materials and rubber. Basic version of PC software for data monitoring is included. With this software, you can only set single-step programs. For multi-step programs, PC software professional version is required.

CertoClav

The CertoClav MultiControl 2 Touch is additionally equipped with a 7-inch robust high-resolution tablet. The operating steps are explained with videos on the screen.

- Programmable from 1 minute to 30 days and from room temperature to 140 °C
- Automated process control and error detection
- USB port
- Printer port (RS232) for printing sterilisation protocols

2

6.268 833

Scope of supply:
MultiControl 2: Autoclave, stable instrument panel with 3 feeds and minimum water level indicator, power cable, MC2 controller
MultiControl 2 touch: Autoclave, stable instrument panel with 3 feeds and minimum water level indicator, power cable, MC2 controller, tablet

Specifications
Chamber diameter: 260 mm
Chamber depth: 350 mm
Air evacuation: Fractional flow procedure
Chamber material: Stainless steel 316L
Operating pressure: 2.7 bar
Heating capacity: 1300 W
Power supply: 230 V ±10 %/50 - 60 Hz

Type	Capacity	Working Temp. range	Weight		PK	Cat. No.	
	Litres	°C	kg				
MultiControl 2	18	20 ... 140	9.5		1	**9.842 030**	1
MultiControl 2 Touch	18	20 ... 140	10.5		1	**6.268 833**	2

3

3   Laboratory autoclaves CertoClav Connect

The fully automated, vertical laboratory autoclave is suitable for extended/ long- term cycles, material tests, HAST Test, pressure vessel test, ICP - TM 650, food preservation, culture media preparation, sterilisation of waste, unpackaged solids without hollow bodies, liquids, bottles, instruments, synthetic materials and rubber. It is operated via of a 7-inch high-resolution tablet. All operating steps are explained with videos directly on the tablet. Compliance with GLP requirements through automatic documentation of users and cycles. Process protocols are stored in the CertoCloud for 10 years. Integration into laboratory data systems possible. For autoclaving liquids, a PT100-media sensor is optionally available.

CertoClav

Scope of supply: Autoclave, stable instrument panel with 3 feeds, minimum water level indicator, power cable, tablet

Specifications
Chamber diameter: 260 mm
Chamber depth: 350 mm
Air evacuation: Fractional flow procedure
Chamber material: Stainless steel 316L
Operating pressure: 2.7 bar
Heating capacity: 1300 W
Power supply: 230 V ±10 %/50 - 60 Hz

Type	Capacity	Working Temp. range	Weight		PK	Cat. No.
	Litres	°C	kg			
Connect	18	20 ... 140	16		1	**9.842 031**
Media sensor, PT100 *					1	**9.842 037**

* only available in conjunction with a new device

1198

1 | Laboratory autoclaves CertoClav Cibus

CertoClav

The fully automatic, freely programmable, vertical laboratory autoclave is suitable for sterilisation of food, beverages, culture media and demineralised water in sealed bottles.
For autoclaving liquids, a PT100-media sensor is integrated. It is operated via of a 7-inch high-resolution tablet. All operations are explained with videos directly on the tablet. Compliance with GLP requirements through automatic documentation of users and cycles. Process protocols are stored in the CertoCloud for 10 years. Integration into laboratory data systems possible. Optimised sterilisation time due to active rapid cooling. The autoclave is equipped with support pressure.

Scope of suppy: Autoclave, stable instrument panel with 3 feeds, minimum water level indicator, power cable, tablet

Specifications

Chamber diameter:	260 mm
Chamber depth:	350 mm
Air evacuation:	Fractional flow procedure
Chamber material:	Stainless steel 316L
Operating pressure:	2.7 bar
Heating capacity:	1300 W
Power supply:	230 V ±10 %/50 - 60 Hz

Type	Capacity	Working Temp. range		PK	Cat. No.
	Litres	°C			
Cibus	18	25 ... 140		1	6.311 937

Tabletop autoclaves CertoClav Vacuum Pro series

CertoClav

Due to the intelligent combination of vacuum, pressure and steam, the autoclaves are suitable for liquids and solids of all kinds. The additional media sensor guarantees a complete sterilisation of liquids such as culture media. Solids of all kinds and hollow materials are optimally sterilised with the help of a vacuum pump. The preheatable chamber, cooling-ventilation and vacuum pump guarantees short cycle times from 20 minutes including drying time.

- 7-inch touchscreen
- Including free CertoCloud software for all protocols and programs
- Remote maintenance, alarm system via PC, tablet or smartphone
- Notification by e-mail and SMS
- 12 customisable programs (45 l version with 8 customisable programs)
- Interfaces: USB, WiFi, Ethernet, Bluetooth, SD-Card
- Integrated documentation (GMP/GLP conform)
- Standard interfaces for bar scanner, protocol and label printer

Scope of suppy: Autoclave, tray set, power cable, touchscreen

6.288 411

Specifications

Temperaturrange:	105 ... 134 °C
Cooling system:	Air venting
Chamber material:	Stainless steel 304L
Operating pressure:	2.3 bar
Heater power:	2400 W
Power supply:	220 V ±10 %/50 - 60 Hz

9.842 009

Type	Capacity	Int. diam.	Int. depth	External dimensions (W x D x H)	Weight	PK	Cat. No.
	Litres	mm	mm	mm	kg		
Vac Pro 12	12	200	360	500 x 610 x 430	51	1	6.287 463
Vac Pro 22	22	250	450	500 x 650 x 430	55	1	6.288 411
Vac Pro 45	45	319	617	640 x 840 x 560	120	1	9.842 009

1 Accessories for Autoclaves, CertoClav

Service kit 1: with lid gasket, valve gasket, gasket for exhaust cock and manometer, steam valve

Service kit 2: with lid gasket, control valve gasket, seals for exhaust cock and pressure gauge, steam valve and safety valve

Service kit 3: with door gasket, safety valve and bacteria filter

CertoClav

Description	For	PK	Cat. No.
Exhaust steam container with hose	EL, Classic, MultiControl, MultiControl 2	1	6.313 654
Exhaust hose	EL, Classic, MultiControl, MultiControl 2	1	4.668 551
Exhaust air filter incl. exhaust container and exhaust hose	MultiControl, MultiControl 2	1	6.266 073
Bacteria filter	Vac Pro 12, Vac Pro 22, Cibus Pro	1	6.311 844
Barcode scanner	Vac Pro 12 - 45, Cibus Pro	1	6.273 378
CertoCloud premium licence	MultiControl 2, Connect, Cibus, Cibus Pro, Vac Pro 12 - 45	1	7.910 770
CertoServer	MultiControl 2, Connect, Cibus, Cibus Pro, Vac Pro 12 - 45	1	6.313 656
Water distiller	All models	1	6.272 938
Wire basket with drip tray	Vac Pro 12	1	6.313 657
Wire basket with drip tray	Vac Pro 22, Cibus Pro	1	6.313 658
Wire basket with drip tray	Vac Pro 45	1	6.313 659
Wire basket with handle, Ø 23 x 17 cm	EL, MultiControl	1	9.842 025
Wire basket with handle, Ø 25 x 23 cm	Classic, MultiControl 2, Connect, Cibus	1	9.842 035
Replacement filter cartridge	Exhaust air filter	1	6.313 655
Label printer	Vac Pro 12 - 45, Cibus Pro	1	6.313 660
PC software professional version	MultiControl, MultiControl 2	1	9.842 038
Log printer	MultiControl, MultiControl 2, Vac Pro 12 - 45, Cibus Pro	1	9.842 033
Service set 1	EL, MultiControl	1	9.842 036
Service set 2	Classic, MultiControl 2, Connect, Cibus	1	9.842 020
Service set 3	Vac Pro 12, Vac Pro 22, Cibus Pro	1	6.272 936
Thermal direct labels	Label printer	1	6.313 994
Thermal paper	Log printer	1	6.288 989

Digital horizontal autoclave Type AH

This autoclave is microprocessor controlled and monitored with 10 sterilisation programmes of which 4 are fixed and 6 are freely selectable and has bacteriological filters included by default.

Raypa

- Operating temperature range 100 °C to 134 °C
- On request, also available with B Class
- RS 232 interface
- Fully automatic functions
- With water reservoir, pre-vacuum and drying
- Case and lid shrouding are AISI 304 stainless steel
- Sterilisation chamber, lid and sealing system are AISI 316 stainless steel
- Electrical heating with protected heating elements
- Safety pressure valve
- Safety thermostat
- Automatic steam controlled by Touch Screen microprocessor
- Manual valves for emptying the sterilisation chamber and for draining steam
- Equipped with mesh stand on the chamber base and trays
- Supply requirements: 230 V 16 A single phase

Type	Capacity	Chamber diam. x depth	Width	Length	Height	Rating		PK	Cat. No.
	Litres	mm	mm	mm	mm	W			
AH-21 L	21	250 x 430	680	590	425	2000		1	9.851 898
AHS-50 DRY	50	400 x 400	760	780	630	2000		1	6.267 579 [2]
AHS-75 DRY	75	400 x 600	760	980	630	3200		1	9.851 888

On request also available counter-pressure, steam generator or without vacuum and drying.

6.267 579

Digital vertical autoclaves, AES series

These autoclaves are microprocessor controlled and monitored with 10 sterilisation programmes of which 4 are fixed and 6 are freely programmable.
- Operating temperature range 100 °C to 134 °C
- On request also available with with vacuum pump and steam generator
- Agar modus (40 °C to 80 °C)
- RS 232 interface
- Timer
- Programmable auto-start (24 h)
- Fully automatic functions
- Case and lid shrouding are AISI 304 stainless steel
- Sterilisation chamber, lid and sealing system are AISI 316 stainless steel
- Electrical heating with protected heating elements in the interior of the chamber
- Safety pressure valve
- Safety thermostat
- Automatic steam controlled by microprocessor
- Manual valves for emptying the sterilisation chamber and for draining steam
- **Supply requirements:**
AES-12 and AES-75: 230 V 16 A single phase
AES-110 and AES-150: 400 V + Neutral (3-phase)

Raypa

1

9.851 894

Type	Capacity	Chamber diam. x depth	Width	Length	Height	Rating		PK	Cat. No.
	Litres	mm	mm	mm	mm	W			
AES-12	12	250 x 270	490	500	650	1000		1	**9.851 893**
AES-28	28	300 x 400	510	560	1120	2000		1	**9.851 894** 1
AES-50	50	300 x 700	510	560	1300	3200		1	**6.267 578**
AES-75	75	400 x 600	620	730	1190	3200		1	**9.851 895**
AES-110	110	400 x 850	620	730	1440	4500		1	**9.851 896**
AES-150	150	500 x 750	760	850	1400	6000		1	**9.851 897**

Accessory baskets for Digital vertical autoclaves, AES series

2

6.261 937

Type	For	Diam.	Height	Baskets per autoclave	PK	Cat. No.
		mm	mm			
Mesh basket	AES 12	220	200	1	1	**6.268 955**
Mesh basket	AES 28 - 50	270	200	2 / 3	1	**6.270 951**
Mesh basket	AES 75 - 110	370	280	2 / 3	1	**6.261 937** 2
Mesh basket	AES 150	470	250	2	1	**6.260 676**
Solid basket	AES 28 - 50	280	200	2 / 3	1	**9.851 876**
Solid basket	AES 75 - 110	380	260	2 / 3	1	**9.851 877**
Solid basket	AES 150	475	360	2	1	**9.851 879**

1 2 Smart vertical autoclaves, TLV series

Raypa

These autoclaves are microprocessor controlled and monitored with 50 sterilisation programmes and comes with bacteriological filters included by default.

- Operating temperature range 100 °C to 140 °C
- With with vacuum pump and steam generator
- Maximum working pressure 2.6 bar (37psi)
- RS 232 interface, USB and WiFi
- Timer
- Fully automatic functions
- PT 100 temperature sensor
- Case and lid shrouding, stainless steel
- Sterilisation chamber, lid and sealing system, stainless steel
- Electrical heating with protected heating elements in the interior of the chamber
- Safety pressure valve
- Safety thermostat
- Automatic steam controlled by microprocessor
- Pressure gauge
- 4 casters (with brakes in two of them
- 7" capacitive colour touch screen
- Power Supply: 230V 50/60 Hz
- Remote maintenance and diagnosis via cloud
- Remote operation monitoring via cloud

TLV: Basic
TLV-FA: with Air Ballast and Fast Cooling
TLV-PD: with Super Drying

Type	Capacity	Chamber diam. x depth	Dimensions (W x D x H)	Rating	Weight		PK	Cat. No.
	Litres	mm	mm	W	kg			
TLV-50	58	400 x 450	610 x 870 x 1000	3600	140		1	**4.672 183**
TLV-75	83	400 x 650	610 x 870 x 1080	3600	150		1	**4.672 184**
TLV-50FA	58	400 x 450	610 x 870 x 1000	3600	140		1	**4.672 185**
TLV-75FA	83	400 x 650	610 x 870 x 1080	3600	150		1	**4.672 186**
TLV-50PD	58	400 x 450	610 x 870 x 1000	3600	140		1	**4.672 187**
TLV-75PD	83	400 x 650	610 x 870 x 1080	3600	150		1	**4.672 188**
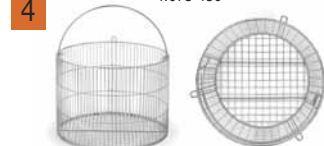
TLV-50

Accessory baskets for Digital vertical autoclaves, TLV series

Raypa

Type	For	Diam.	Height		PK	Cat. No.
		mm	mm			
Solid basket	TLV Series	370	200		1	**4.675 456** 3
Mesh basket	TLV Series	370	200		1	**4.675 457** 4

4.675 456

4.675 457

Thermoprinter for automatic autoclaves

Raypa

Built-in printer IT:
Must be installed ex factory, please order with autoclave.
For Models: AES-12, AES-28, AES-50, AES-75, AES-110, AES-150, AE-28-DRY, AE-50-DRY, AE-75-DRY, AE-110-DRY, AE-150-DRY, AHS-50-N, AHS-75-N, AH-21-L, AHS-50-DRY, AHS-75-DRY

Built-in printer IT/TS:
Must be installed ex factory, please order with autoclave.
For Models: AE-50-B, AE-75-B, AE-110-B, AE-150-B, AH-21-B, AHS-50-B, AHS-75-B, AE-20-MP, AE-40-MP, AE-60-MP, AE-80-MP, AE-100-MP

Table top printer ITS:
Print program number, cycle number, temperature, date and hour of the run. Error messages are also printed.
With RS 232 interface. Only for AES-12/AES-28/AES-50/AES-75/AES-110/AES-150/DRY

Built-in printer IT/TLV
Must be installed ex factory, please order with autoclave.
For TLV/Series

6.265 153

6.270 012

Type		PK	Cat. No.
Thermoprinter IT		1	**6.265 153** 5
Thermoprinter IT/TS		1	**4.672 193**
Thermoprinter ITS		1	**6.270 012** 6
Thermoprinter IT/TLV		1	**4.675 455**

1   Steam sterilizers (autoclaves), HG series

HMC-EUROPE

- Certified according to the Pressure Equipment Directive 2014/68/EU
- Available in 4 sizes with 50, 80, 113, 133 liters of effective usable volume
- Innovative locking system with motorized lid including pressure and temperature monitoring
- Steam generation in the chamber
- High energy efficiency and long service life
- Rapid cooling for short cooling times
- Also available with flexible temperature sensor for the sterilization of liquids
- Timer function and 4 program groups with 3 sub-groups each, including night and dissolution program, adjustments for customized programs are always possible
- No water/waste-water installation required
- Castors for mobile use
- Easy to clean plastic surface with rounded edges in contact areas (no burns or injuries).
- Electrical, mechanical and constructional factors guarantee the highest level of quality and user protection
- The accessories make it possible to configurate the autoclave according to your wishes
- Exhaust air filters for laboratories of safety level S2 and higher are also available

Type	Capacity	External dimensions (W x D x H)	Chamber Dimensions (diam. x H)	Rating	Working Temp. range	Pressure	Weight		PK	Cat. No.
	Litres	mm	mm	W	°C	bar	kg			
HG 50	50	455 x 691 x 890	364 x 482	3000	60 ... 135	2.5	62		1	**9.842 410**
HG 80	76	455 x 691 x 1030	364 x 730	3800	60 ... 135	2.5	73		1	**9.842 411**
HG 113	108	686 x 870 x 930	500 x 552	5800	60 ... 135	2.5	137		1	**9.842 412**
HG 133	129	686 x 870 x 1034	500 x 656	5800	60 ... 135	2.5	145		1	**9.842 413**

2   Accessories for HG series steam sterilisers

HMC-EUROPE

Description	Dimensions (dia. x H) mm	PK	Cat. No.
Flexible temperature sensor		1	**9.842 420**
Built-in printer HG		1	**6.251 590**
Exhaust air filter for sterilisation		1	**9.842 422**
Lifting equipment Loadmaster for HG 113/133		1	**6.266 420**
Stainless steel sterilising basket	340 x 220	1	**9.842 423**
Stainless steel sterilising basket with bottom	340 x 220	1	**9.842 424**
Stainless steel sterilising can	331 x 185	1	**9.842 425**
Automatic water supply		1	**9.842 421**
Charging basket A for HG 113/133	482 x 215	1	**6.266 417**
Charging basket A for HG 113/133, closed bottom	482 x 215	1	**6.259 903**
Charging basket B for HG 113/133	474 x 265	1	**6.266 418**
Charging basket B for HG 113/133, closed bottom	474 x 265	1	**6.266 419**
Charging basket C for HG 113/133	475 x 310	1	**7.980 484**
Charging basket C for HG 113/133, closed bottom	475 x 310	1	**7.980 485**

Steam sterilizers (autoclaves), HV series

Tireless, durable and ingeniously simple

HMC-EUROPE

- Certified according to the Pressure Equipment Directive 2014/68/EU
- Available in 4 sizes with 25, 50, 85 and 110 liters of effective usable volume
- Simple, reliable and with a long service life, your perfect choice for standard tasks
- Optionally available with flexible temperature sensor for the sterilization of liquids
- For all devices up to 110 liters only a single-phase power supply (220/240 V; 50/60 Hz) is required
- Timer function and 3 program groups with a max. of 6 programs including dissolution program, adaptions for customized programs are always possible
- No installation to a feed water supply required
- Castors for mobile use
- Easy to clean plastic surface with rounded edges in contact areas (no burns or injuries)
- Electrical, mechanical and constructional factors guarantee the highest level of quality and user protection
- The accessories make it possible to configure the autoclave according to your wishes
- Exhaust air filters for laboratories of safety level S2 and higher are optionally available

Type	Capacity	External dimensions (W x D x H)	Internal dimensions (Ø x H)	Rating	Working Temp. range	Weight		PK	Cat. No.
	Litres	mm	mm	W	°C	kg			
HV-L25	25	480 x 460 x 950	240 x 550	1500	60 … 126	41		1	**7.980 025**
HV-L50	50	540 x 530 x 1040	300 x 710	2000	60 … 135	57		1	**6.232 481**
HV-L85	85	660 x 650 x 1000	420 x 615	3000	60 … 128	71		1	**9.842 418**
HV-L110	110	660 x 650 x 1180	420 x 795	4000	60 … 123	81		1	**6.254 337**

2 Accessories for HV series steam sterilisers

HMC-EUROPE

Description	Internal dimensions (Ø x H) mm	Baskets per autoclave	PK	Cat. No.
Flexible temperature sensor			1	**7.980 024**
Integrated printer			1	**9.842 427**
Air cooling			1	**9.842 428**
Exhaust-air filtration			1	**9.842 429**
Feed water autm.			1	**6.251 161**
Feed water HG 113/133			1	**6.272 774**
Stainless steel sterilising basket for HV-25	210 x 250	2	1	**7.980 027**
Stainless steel sterilising basket with bottom for HV-25	210 x 250	2	1	**9.842 430**
Stainless steel sterilising can for HV-25	210 x 255	2	1	**9.842 431**
Stainless steel sterilising basket for HV-50	270 x 220	3	1	**6.232 482**
Stainless steel sterilising basket with bottom for HV-50	270 x 220	3	1	**9.842 432**
Stainless steel sterilising can for HV-50	280 x 220	3	1	**9.842 433**
Stainless steel sterilising can for HV-85	390 x 285	2	1	**6.259 905**
Stainless steel sterilising basket with bottom for HV-85	390 x 290	2	1	**6.259 908**
Stainless steel sterilising basket for HV-85	390 x 290	2	1	**6.264 959**
Stainless steel sterilising can for HV-110	390 x 285	2	1	**6.254 338**
Stainless steel sterilising basket for HV-110	390 x 380	2	1	**6.259 904**
Stainless steel sterilising basket with bottom for HV-110	390 x 380	2	1	**6.259 909**

Benchtop-Autoclaves HMT FA/-MA and -MB series

HMT 230/260 FA - for standard tasks:
- Certified according to regulation 93/42/EEC
- Available in 2 sizes with a volume of 16 or 24 liters
- 9 sterilization programs, fully automatic: 121 °C wrapped/unwrapped solid items; with or without drying, 135 °C wrapped/unwrapped solid items; with or without drying, Liquid program: 121 °C, 40 min.
- Controlled by a microprocessor
- Simple digital display
- Water tank
- Electromechanical overheating protection
- Safety valve
- Mechanical pressure-dependent door lock
- Reset/emergency button
- Easy maintenance

HMC-EUROPE

1

7.980 101

HMT 230/260/300 MA - versatile table-top autoclave:
- Certified according to regulation 93/42/EEC
- Available in 3 sizes with a volume of 16, 24 or 40 liters
- Powerful integrated vacuum pump, an essential feature for sterilizing tubes and hollow components
- 7 sterilization programs, fully automatic: 121 °C wrapped/unwrapped (vacuum), 134 °C wrapped/unwrapped (vacuum), Liquid and prion programs, Bowie-Dick test
- Controlled by a microprocessor
- Progress indicator
- Internal water tank
- Electromechanical overheating protection
- Electronic overpressure protection
- Pressure safety valve
- Mechanical pressure-dependent door lock
- Reset/emergency button
- Easy maintenance

2

4.655 164

HMT 260/300 MB - premium table-top autoclave:
- Certified according to regulation 93/42/EEC
- Available in 2 sizes with a volume of 24 or 40 liters
- Powerful integrated vacuum pump, an essential feature for sterilizing tubes and hollow components
- 5 sterilization programs, fully automatic: Sterilization of wrapped items: 121 °C - 30 min.; 134 °C - 15 min., Sterilization of unwrapped items: 121 °C - 15 min.; 134 °C - 4 min., Individual temperature selection from 105 to 135 °C, Preset prion program
- 3 test programs: leakage test, helix test, Bowie-Dick test
- Controlled by a microprocessor
- Easy operation with a LCD display
- Documentation/data storage via SD card and printer
- Drying program, 1- 60 minutes
- 4 literwater tank, to be filled manually or automatically (purified water)
- Various safety features, e.g. safety valve or pressure-dependent door lock
- With modern design, easy maintenance

3

6.287 544

Type	Capacity	Chamber diam. x depth	Width	Length	Height	Rating	PK	Cat. No.
	Litres	mm	mm	mm	mm	kW		
HMT 230FA	16	230 x 410	522	594	410	1.9	1	**6.237 578**
HMT 260FA	24	260 x 450	533	655	442	2.4	1	**7.980 101** 1
HMT 230 MA	16	230 x 410	522	594	410	1.9	1	**4.655 160**
HMT 260 MA	24	260 x 450	533	655	442	2.4	1	**4.655 162**
HMT 300 MA	40	300 x 570	620	900	489	3.2	1	**4.655 164** 2
HMT 260MB	24	260 x 450	553	665	440	2.7	1	**4.655 166**
HMT 300MB	40	300 x 570	620	766	489	2.3	1	**6.287 544** 3

1   Autoclave thermometer

Durable bi-metal thermometer with a maximum registering pointer (red), moved up by the temperature measuring pointer, (black), to indicate the highest temperature achieved, and remains there until it is manually reset.
- Traceable to NIST Standard
- Threaded connection (1/4" NPT), screws directly into in-line processes, can be used to mount thermometer on included stand
- Waterproof and pressurised, withstands autoclave cycles and has a removable protective silicone sleeve to prevent moisture from making contact with the dial
- Constructed from 304 stainless steel with a glass lens; withstands pressure, high temperatures and rust
- Tested and inspected in the USA
- Includes a multi-language (English, French, German, Italian, Portuguese, and Spanish) Statement of Accuracy and instructions
- Available as an option with an individual Thermometer Calibration Report

Bel-Art Products

Specifications

Measuring range: -20 to +150 °C
Probe length: 50 mm

Description	PK	Cat. No.
Autoclave thermometer	1	**6.287 577**

2   Biological Indicators Attest™ for Control of Steam Autoclaves

Biological control involves the use of indicators, which check whether all microorganisms were killed during the sterilisation process. The bio-indicators are unique, as they directly indicate how many microbial spores have actually been killed. Thanks to the reliability and quality of the information, the regular use of a bio-indicator can lead to an improvement in the performance of the sterilisation process and thus to better results.

3M Deutschland

Features:
- No external laboratory is required for performance evaluation
- Easy handling
- Reasonable to use after repairs or maintenance of autoclaves

Application:
- Program 3.5 minutes, holding time at 121 °C or 134 °C
- After sterilisation, break the vial in order to bring the nutrient solution into contact with the spore strip
- Results in 48 hours
- Meets EN ISO 11138 standard

Type	PK	Cat. No.
Biological Indicators Attest™ for steam autoclaves, brown cap	100	**6.089 578**
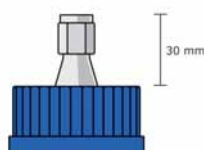
3 4   Screw Cap GL 45 with temperature probe holder, DURAN®

The DURAN® temperature probe holder GL 45 consists of a stainless steel holder that is permanently fitted into a blue DURAN® polypropylene GL 45 cap. The holder will accept the 6.0 mm metal temperature measuring probes that are commonly used in laboratory autoclaves and sterilizers.

DWK Life Sciences

Applications
- Routine sterilization /autoclave cycles
- "Loaded Chamber heat penetration" tests during Performance Qualification (PQ)
- Performance tests after autoclave maintenance or repair

Features
- Usable with DURAN® original GL 45 laboratory bottles (1000 ml or less).
- The depth of the probe can be adjusted to suit the bottle size
- Adjustable ferrule suitable for 6.0 mm diameter probes
- Retrace code for product traceability and downloadable certificate
- Easy positioning of the sensor in the middle of the bottle

Type	PK	Cat. No.
Screw Cap GL 45	1	**9.072 178**

www.wenk-labtec.com

1 **2** Screw Cap GL 45 thermocouple holder, DURAN®

The DURAN® Screw Cap GL 45 thermocouple holder consists of a holder fitted into
a blue DURAN® polypropylene GL 45 cap that accepts up to three separate thermocouple
wires used in autoclaves or sterilizers.

DWK Life Sciences

1

Applications
- "Loaded Chamber heat penetration" tests during Performance Qualification (PQ)
- Routine sterilization /autoclave cycles
- Performance tests after autoclave maintenance or repair

Features
- Usable with DURAN® original GL 45 laboratory bottles (1000 ml or less).
- The 240 mm PTFE tube may be cut to length
- Suitable for holding up to three separate thermocouple wires
  (Conductor sizes 1/0.3 mm, 1/0.5 mm or 7/0.2 mm)
- Retrace code for product traceability and downloadable certificate

2
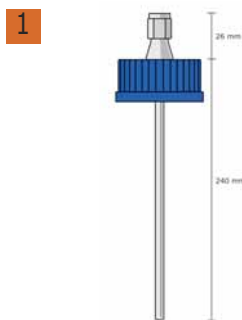
Description	PK	Cat. No.
Screw Cap GL 45 thermocouple holder	1	**9.072 179**

3 Autoclave deodorant Anabac®

Laboratories are very concerned about hygiene, cleanliness and comfort in the
workplace. Try Anabac® autoclave deodorant balls to improve the working environment
in the laboratory. These autoclave deodorant balls bring a discrete scent that speaks of cleanliness.

interscience

3

You can find ordering information for all articles described above as well as other articles online.

⚠ **Warning**

H phrases: H317|H319|H412

Type	Description	PK	Cat. No.
Peach	Peach fragrance	100	**7.626 766**

4 Indicator tape for steam, hot air and gas sterilisation

Crepe paper, adhesive. With indicator. Colour changes according to DIN EN ISO 11140-1. Rolls of 50 m.

With	colour change	Width mm	Figure	PK	Cat. No.
Steam indicator, lead free	green / black	18	a	1	**9.140 787**
Steam indicator, lead free	green / black	24	a	1	**9.140 788**
Steam indicator	green / black	19	b	1	**9.140 784**
Steam indicator	white / black	25	b	1	**9.140 789**
Steam indicator, strongly adhesive, for non-woven fabric	white / black	19	c	1	**9.140 790**
Steam indicator, strongly adhesive, for non-woven fabric	white / black	25	c	1	**9.140 791**
Ethylene oxide indicator	red / green	19	d	1	**9.140 792**
Hot air indicator	green / brown	19	e	1	**6.240 223**

4

a   b   c   d   e

➡ Disposal bags - please see page 258.

### 1 polySteribox® sterilisation containers with permanent filter

The polySteribox® from Ritter Medical for sterilisation of instruments, storage and transportation of sterile goods is a secure solution in line with the requirements of validated processes in sterile goods provision. The polySteribox® is available in 4 different standardized sizes (SH, M, L and XL) which are suitable for all current sterilisation automats. polySteribox® is produced out of a transparent, dimensionally stable and high temperature resistant (up to 150 degrees celcius) material. It is therefore suitable for autoclave vacuum sterilisation at 121°C or 134°C depending on the sterilisation method recommended by relevant authorities such as the Robert Koch Institute in Germany. In addition the polySteribox® can be used for plasma sterilisation (STEARRAD®) as well as for gas sterilisation (formaldehyde and ethylene oxide) at a maximum of 65°C. Lid and bottom close hermetically and include a built-in bacteria barrier. The patented interlocking system is compatible within all different models and prevents from accidental opening of the box. The boxes are space-saving and easy to stack, therefore they are well suited for storage of sterile goods.

Ritter

Type	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
polySteribox® SH	208 x 111 x 54	177 x 76 x 45	1	**6.267 058**
polySteribox® M	184 x 144 x 59	155 x 123 x 32	1	**6.267 059**
polysteribox® L	290 x 183 x 74	261 x 164 x 65	1	**6.263 116**
polySteribox® XL	498 x 118 x 63	465 x 95 x 55	1	**6.267 061**

2 3 Accessories for polySteribox®

Ritter
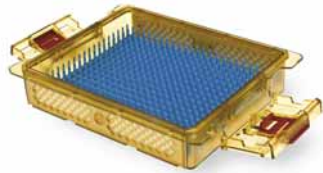
Description	PK	Cat. No.
Filter set L/XL	1	**9.284 283**
Silicone positioning mat for box S, SH	1	**9.284 288**
Silicone positioning mat for box L	1	**9.284 292**
Silicone positioning mat for box M	1	**9.284 293**
Safety seals	1000	**9.284 285**
Sterilisation seal for box SH, M, L, XL	1000	**9.284 287**
Stainer for the Polysteribox L	1	**9.284 294**
Stainer for the Polysteribox XL	1	**6.266 241**

Multiparameter Indicator 3M™ Comply™

Class 4 indicators with endpoint reaction. With chemical coating, change their colour when the sterilization cycle is successfully completed. Indicator strips for steam sterilization or ethylene oxide sterilization.

3M Deutschland

- Steam sterilization colour change from yellow to black
- EO sterilization colour change from red to green
- Economical due to the possibility of cutting in half
- Complies with EN ISO 11140-1

Description	PK	Cat. No.	
Comply™1250 chemical indicator strips	240	**7.970 699**	4
Comply™ 1251 EO Chemical Indicator Strip	240	**6.274 555**	5

7.970 699

6.274 555

www.wenk-labtec.com

1 Self-Seal Sterilization Pouches

Self-seal sterilization pouches are pre-folded and assure accurate and fast closing without the requirement of a heat sealing device. They are especially suited for use in small general practices, dental surgeries and by users who want to avoid costs of additional sealing equipment. The self-seal sterilization pouches are constructed from transparent PET/PP multi-layer copolymer film, medical grade paper and adhesive strip which provides excellent resistance to over-exposure of steam and clean opening. Water based, non-toxic process indicators for steam and ethyleneoxide sterilization complying with ISO 11140-1 are applied on the paper surface and help to differentiate between processed and unprocessed packages.

- Reinforced film to avoid tearing during opening
- Clean and accurate indicator color change
- Tear, fibre-free opening and aseptic presentation
- Triple band seal for higher package integrity

Dimensions mm	PK	Cat. No.
75 x 200	200	6.272 280
90 x 230	200	6.272 281
90 x 270	200	6.272 282
130 x 290	200	6.272 283
190 x 340	200	6.272 284
300 x 430	200	6.272 285

Heat-Sealable Sterilization Pouches and Reels

Heat-sealable sterilisation pouches and reels as a packaging solution for sterilisation applications, ensure reliable protection of the medical device against contamination with bacteria from the time of sterilisation until use of the sterile medical device. Flat and gusseted type and wide range of standard sizes allow optimum choice of correct sized packaging of each item. The sterilisation reels and pouches are constructed from transparent PET/PP multi-layer copolymer film and medical grade paper. Water based, non-toxic process indicators for steam and ethylene oxide sterilisation (complying with ISO 11140-1) are applied on the paper surface. This helps differentiating between processed and unprocessed packages.
- Reinforced film to avoid tearing during opening
- Clean and accurate indicator colour change
- Tear, fibre-free opening and aseptic presentation
- Triple band seal for higher package integrity

The sterilisation pouches and reels are effective barriers against germs and according the requirements of ISO 11607, EN 868-5 and ISO 11140-1 standards.

2 Heat-Sealable Sterilization Pouches

Description	Dimensions mm	PK	Cat. No.
flat	75 x 200	1000	6.272 268
flat	100 x 300	1000	6.272 269
flat	150 x 400	1000	6.272 270
flat	200 x 450	1000	6.272 271
flat	250 x 400	1000	6.272 272
flat	250 x 500	1000	6.272 273
flat	300 x 500	1000	6.272 274
gusseted	100 x 300	1000	6.272 275
gusseted	150 x 390	1000	6.272 276
gusseted	200 x 500	500	6.272 277
gusseted	250 x 500	500	6.272 278
gusseted	300 x 600	500	6.272 279

3 Heat-Sealable Sterilization Reels

Description	Width mm	Length m	PK	Cat. No.
flat	50	200	1	6.272 250
flat	75	200	1	6.272 251
flat	100	200	1	6.272 252
flat	150	200	1	6.272 253
flat	200	200	1	6.272 254
flat	250	200	1	6.272 255
flat	300	200	1	6.272 256
flat	350	200	1	6.272 257
flat	400	200	1	6.272 258
flat	500	200	1	6.272 259
gusseted	75	100	1	6.272 260
gusseted	100	100	1	6.272 261
gusseted	150	100	1	6.272 262
gusseted	200	100	1	6.272 263
gusseted	250	100	1	6.272 264
gusseted	300	100	1	6.272 265
gusseted	350	100	1	6.272 266
gusseted	400	100	1	6.272 267

1 Sterilisation Pouches Qualitix®

Socorex

Suitable for many laboratory instruments. The disposable bags are used for simple and effective wrapping of sterilization goods that are visible through the transparent PET/CPP film. With the self-sealing strip they can be closed safely and quickly.
- Intended for steam and EO gas sterilization
- With two colour indicators
- Robust, durable material
- Wide, self-sealing strip
- Thumb notch for easy opening
- ISO 17665-06 and ISO 11135 conform

Internal dimensions (W x D) mm	PK	Cat. No.
65 x 110	200	**4.664 119**
70 x 205	200	**4.664 120**
115 x 205	200	**4.664 121**
170 x 300	200	**4.664 122**
270 x 335	200	**4.664 123**

2 Roll dispenser with Cutter

The dispenser frame is made of stainless steel and steel rods with nylone bearings for hygienic use at CSSDs. The integrated cutting unit includes an accurate and high quality cutting blade, providing safe and secure handling, as well as easy replacement. The roll dispenser and cutter is an useful addition to rotary sealing machines. It's renewed and the modular design makes it an ergonomic and economic tool which can be used as single or double rack model on working stations or just mounted on the wall.

Description	PK	Cat. No.
Roll dispenser with cutter	1	**6.272 287**

3 Rotary Sealer

This Rotary Sealer is an entry model which is solid, durable and extremely easy to use. Once power is on and the variable temperature adjustment has been done, the Rotary Sealer works when it's needed and stops automatically when the work is done. The basic rotary sealer is microprocessor controlled and the temperature can be adjusted anytime easily. The sensitive temperature ranging between 50 °C and 250 °C provides the user with flexibility to seal different kinds of packaging such as paper/film and Tyvek® pouches. Automatic feeding driven by optical sensors and multiline sealing technique ensure optimum seal strength at continuous operations. This sealing system is validated, calibrated and in compliance with international standards.

Description	Dimensions (W x D x H) mm	PK	Cat. No.
Rotary Sealer	225 x 430 x 160	1	**6.272 286**