



Labware

TOP Offers



-30 %

Battery-powered pipetting aid ROTILABO®

ROTH SELECTION.

Pipette holder made of PP, autoclavable.

Replaceable PTFE membrane filter prevents contaminations.

Delivery incl. power supply (100–240 V, 50/60 Hz), Li-Ion battery, 1 replacement membrane filter (PTFE 0.45 µm), 5 pipette holder, silicon adapter, stand, wall holder.

- Ergonomically shaped housing for fatigue-free working
- UV-resistant housing material
- 2 pipetting speeds (high or low speed)
- Gravity mode, for non-motorised fluid drainage
- 20 h continuous duty, can be used while charging is in progress
- LED-based low battery indicator
- User friendly thanks to concave shaped finger pads
- With labelling space on the side
- Five coloured pipette holders for distinguishing between apparatus
- Additional pipette adapter for low pipetting volumes
- Weight approx. 200 g
- 5 years warranty

Version	Suitable for	Art. No.	Pack Qty.	DKK	DKK
battery-powered	Graduated/volumetric pipettes 1–100 ml	TC16.1	1 unit	2136,75	1495,50



Please note: Different conditions

-10 %**Microlitre centrifuge MiniSpin® series**

Eppendorf AG.

Features:

- **Max. capacity:** 12 x 1.5/2.0 ml reaction vials
- Digital display of time and speed

Technical specifications:

Art. No.	1K1Y.1	1K20.1
Type	MiniSpin® Basic	MiniSpin® Plus
Max. speed (in microlitre rotor)	13,400 rpm	14,500 rpm
Maximum RCF	12100 x g	14100 x g
Timer function	15 s to 30 min	15 s to 99 min/ continuous operation
W x D x H	225 x 230 x 130 mm	226 x 239 x 120 mm
Mains connection	230 V, 50/60 Hz	

Delivery incl. 12-place microlitre rotor type F-45-12-11 for 1.5/2.0 ml reaction vials and lid.

Not a medical device / Not an IVD product.

Basic

- Max. speed 13,400 rpm, RCF 12,100 x g
- Operating time up to 30 min
- Short-spin button with max. speed

Art. No.	Pack Qty.	DKK	DKK
1K1Y.1	1 unit	8772,00	7894,50

Plus

- Max. speed 14,500 rpm, RCF 14,100 x g
- Operating time up to 99 min or continuous operation
- Display of speed or RCF can be selected
- Short-spin button (adjustable speed)

Art. No.	Pack Qty.	DKK	DKK
1K20.1	1 unit	11400,40	10260,40



Please note: Different conditions

-10 %**Accessories adapter for rotor F45-12-11 and FA-24x2**

Eppendorf AG.

Designation	Art. No.	Pack Qty.	DKK	DKK
for 0.2 ml reaction vials	1K29.1	6 units	126,75	113,65
for 0.5 ml reaction vials	1K28.1	6 units	126,75	113,65



Please note: Different conditions

-10 %**Microlitre centrifuge model 5420**

Eppendorf AG.

Features:

- **Max. capacity:** 24 x 1.5/2.0 ml reaction vials
- Three program keys for directly selecting user-defined settings - e.g. duration, speed, acceleration and deceleration ramps, etc.
- Ten acceleration and deceleration ramps
- Short-spin function for brief centrifugation - at max. speed or an individually selected speed

Technical specifications:

Art. No.	1K2C.1
Type	5420
Max. speed (in microlitre rotor)	15,060 rpm
Maximum RCF	21,300 x g
Timer function	10 s to 9 h 59 min/continuous operation
W x D x H	242 x 350 x 220 mm
Mains connection	230 V, 50/60 Hz

Delivery incl. 24-place microlitre rotor FA-24x2 for 1.5/2.0 ml reaction vials with aerosol-tight lid.

Not a medical device / Not an IVD product.

Art. No.	Pack Qty.	DKK	DKK
1K2C.1	1 unit	17536,15	15782,25

**-10 %**

Please note: Different conditions

Accessories rotor for model 5420 microlitre centrifuge

Eppendorf AG.

PCR rotor tube strips, type F-32x0.2-PCR

For 4 x 8 PCR rotor tube strips, with 200 µl per strip or 32 x 0.2 ml PCR vessels. Max. 15,060 rpm, 18,257 x g.

Delivery incl. aerosol-tight lid.

Art. No.	Pack Qty.	DKK	DKK
1K2H.1	1 unit	4128,00	3715,15



Screw top bottle DURAN® GL 45 with high-temperature closures

DWK Life Sciences. Material: DURAN® glass (borosilicate glass 3.3, corresponds to USP/EP type I). Autoclavable: yes.

Exceptional thermal behaviour and high chemical resistance. With easy-to-read volume scale and labelling field made from durable white enamel. With retrace code.

Autoclavable at 121 °C or 134 °C, hot air sterilisable to 180 °C.

Delivery incl. red, high-temperature screw cap (glass-fibre strengthened PBT with PTFE-coated silicone seal) and ETFE pouring ring.

Vol. (ml)	Ø ext. (mm)	Total height (mm)	Thread	Art. No.	Pack Qty.	DKK	DKK
100	56	105	GL 45	KCN6.1	10 units	1101,40	880,90
250	70	143	GL 45	KCN7.1	10 units	1185,00	948,00
500	86	181	GL 45	KCN8.1	10 units	1357,50	1086,00
1,000	101	230	GL 45	KCN9.1	10 units	1732,50	1386,00
2,000	136	265	GL 45	KCP0.1	10 units	3322,50	2658,00



NEW / +

-25%

Transmitted light microscope OBE series

Kern.

Educational Line. High-quality, fully equipped transmitted light microscope (bright-field) for training, laboratory and medical use. For translucent and thin, high-contrast, less challenging specimens (e. g. plant tissues, stained cells/parasites). Particularly suitable for blood analysis and urine sediments.

- The **butterfly tube** allows optimal angular observation to be set
- Thanks to the practical **storage compartment** on the rear of the device, the power cable can be quickly stowed in a space-saving manner
- Power supply e. g. via an external power bank is possible thanks to the **USB connection technology**
- The four-slot lens revolver is fully equipped with four **achromatic standard lenses (4x/10x/40x/100x)**, which are ideally suited for all bright-field analysis applications
- The **1.25 Abbe condenser with aperture cover, with its height-adjustable focus**, enables ideal light concentration and illumination of the specimen
- The **mechanical cross table** ensures fast working and positioning of the specimen. It features a **coaxial coarse and fine focus drive** fitted on both sides for adjusting the height and focussing on the specimen
- With strong, infinitely dimmable 3 W LED transmitted light illumination
- In comparison with the OBS series, this offers diverse **expansion options**

Optional accessories (please order separately):

- Dark-field use for 4x to 40x lenses; to increase contrast of small, unstained structures
- 100x lens (planachromatic, spring) with water immersion

Technical specifications:

Art. No.	1L81.1	1L82.1
Type	OBE 132	OBE 134
Tube	binocular	trinocular
Total magnification	40x, 100x, 400x, 1000x	
Magnification type	turret	
Ocular magnification	wide-field 10x	
Lenses	achromatic	
Lens arrangement	4-way, tilted forwards	
Lens magnification	- 4x/N.A. 0.10, W.D. 18.6 mm	
	- 10x/N.A. 0.25, W.D. 6.5 mm	
	- 40x (spring)/N.A. 0.65, W.D. 0.47 mm	
	- 100x (spring, oil)/N.A. 1.25, W.D. 0.07 mm	
Field of view	18 mm	
Dioptrre compensation	on one side	
Angular observation	30 °	
Head	can be rotated 360°	
Distance between eyepieces	48–75 mm	
Condenser	Abbe N.A. 1.25 with aperture cover	
Light source	LED	
Type of lighting	transmitted light	
Image focusing	coaxial coarse and fine focus with scale: 2 µm	
Microscope stage	125 x 115 mm area coaxial x/y travel range of 50 x 70 mm	
Power supply	mains-powered	
Mains connection	100–240 V, 50/60 Hz	

Delivery incl. eyecups and dust cover.

(1) OBE 132 binocular

Art. No.	Pack Qty.	DKK	DKK
1L81.1	1 unit	4800,00	3600,00

(2) OBE 134 trinocular

With trinocular head for mounting a microscope camera on the phototube using a C-mount adapter. Please order the C-mount adapter separately.

Art. No.	Pack Qty.	DKK	DKK
1L82.1	1 unit	5700,00	4275,00

Spotlight IL 11 LED

Starlight Opto-Electronics.

Perfect incident lighting for microscopes.

- Flexible lighting thanks to semi-rigid arm
- Small dimensions of the luminaire heads
- Flicker-free light for photos and videos
- Very high colour rendering index (CRI)
- Precise brightness control (0–100%) with memory function

-20%



Technical specifications:

Art. No.	KLX4.1	KLX5.1
Arm length	450 mm	600 mm
Luminosity	400,000 lx	
Luminous flux	730 lm	
Colour temperature	5600 K	
Colour rendering index	95 CRI	
Power consumption	10 W	
L x W x H	80 x 40 x 37 mm	
Weight	600 g	
Light source	LED	
Service life	approx. 50,000 hours	
Mains connection	120–240 V, 50/60 Hz	

Delivery incl. bulb.

Without mounting material, please order separately.

Arm length (mm)	Art. No.	Pack Qty.	DKK	DKK
450	KLX4.1	1 unit	2007,75	1605,75
600	KLX5.1	1 unit	2169,00	1734,75

Accessories for IL 11 LED spotlight

Starlight Opto-Electronics.

X-foot with stand rod (Ø 12 mm, L 100 mm)

Art. No.	Pack Qty.	DKK	DKK
KLX6.1	1 unit	854,65	683,65

Stand plate with rod (Ø 12 mm, L 200 mm)

Art. No.	Pack Qty.	DKK	DKK
KLX7.1	1 unit	879,00	702,75

Microscope column attachment (25 mm)

Art. No.	Pack Qty.	DKK	DKK
KLX8.1	1 unit	661,15	528,75

Microscope column attachment (32 mm)

Art. No.	Pack Qty.	DKK	DKK
KLX9.1	1 unit	661,15	528,75



-20%

Spectrophotometer UV/VIS EMC-18S-UV

EMCLAB Instruments.

Professional spectrophotometer for demanding measurements. With large measuring range (190 nm to 1100 nm) and narrow spectral bandwidth (2 nm). Very fast measurements and data processing through high-performance processor.

- TFT colour screen
- Self-test
- Quickly adjustable wavelength
- Easy to use via app menu
- Sample compartment for various cuvette holders
- Functional on-board software
- Including PC software EMC-λ Pro; software web browser-based and compatible with all common WIN operating systems

Functions of the on-board software:

- Photometric measurement of absorption and transmission
- Concentration measurement against standard sample
- Concentration measurement with equation coefficients
- Kinetic measurements possible
- Store and display up to 200 measurements
- Memory for up to 200 methods and 100 standard curves
- Energy measurement to check light source, monochromator and detector
- General system information

Functions of the PC software:

- Multiple wavelength measurement: measuring the absorption / transmission of a sample at up to 20 individually specified wavelengths
 - Spectrum scan: measuring the absorption / transmission of a sample over wavelength ranges in defined equidistant intervals
 - Quantitative measurement: determining the concentration of a solution in a specific substance
 - DNA/RNA measurement: determining the concentration ratio of DNA/RNA samples
 - Kinetic measurement: measuring the absorption of a wavelength over a given period of time.
- For the kinetic analysis of chemical reactions

Technical specifications:

Art. No.	20KN.1
Type	EMC-18S-UV
Wavelength	190–1000 nm
Spectral bandwidth	2 nm
Optical system	single beam (1200 grid lines/mm)
Wavelength accuracy	±0,5 nm
Wavelength repeatability	0.3 nm
Photometric range	0–200 % T, -0,3–3 A, 0–9999 C
Photometric accuracy	≤±0,5 % T, ±0,005 A @ 1 A
Photometric repeatability	≤0,2 % T
Photometric modes	absorption (A), transmission (T), concentration (C), factor (F)
Stability	±0,001 A/h @ 500 nm
Detector	silicone photodiode
Centre height	15 mm
Cuvette holder	4-cell changer for 10 x 10 mm
Light source	halogen and deuterium lamp
Port	USB (PC) and parallel interface (printer)
L x W x H	490 x 380 x 220 mm
Weight	11 kg
Power supply	mains-powered
Mains connection	100–240 V, 50/60 Hz

Delivery incl. PC software and factory calibration certificate.

Art. No.	Pack Qty.	DKK	DKK
20KN.1	1 unit	65427,40	52341,75



Please note: Different conditions

-10 %

Dispenser tips Combipips advanced®

- Eppendorf AG. Material: PP (cylinder), flasks made of PE.
- Suitable for all dispenser pipettes Multipipette® by Eppendorf
 - Customised colour coding for fast volume identification
 - Easy handling due to funnel geometry, prevents damage to gloves

Not a medical device / Not an IVD product.

PCR clean

Non-sterile. Free of RNase/DNase, human DNA and PCR inhibitors.

Volume (ml)	Dispensing volume (µl)	Colour coding	Purity grade	Pack.	Art. No.	Pack Qty.	DKK	DKK
5	50 – 5000	blue	PCR clean	4 x 25	1KTH.1	100 units	1040,25	936,00
10	100 – 10000	orange	PCR clean	4 x 25	1KTK.1	100 units	1040,25	936,00
25	250 – 25000	red	PCR clean	4 x 25	1KTL.1	100 units	1233,75	1110,00
50	500 – 50000	light grey	PCR clean	4 x 25	1KTN.1	100 units	1322,25	1189,90



-10 %

Please note: Different conditions

Dispenser pipette Multipette® M4

Eppendorf AG.

Digital multi-dispenser for long pipetting or dispensing series.

- Up to 100 dispensing steps can be carried out with one tip filling
- Automatic Combitip detection
- Easy-to-read display
- Display of dispensing volume
- Integrated sleep function switches the device off automatically when not used
- Integrated pedometer
- Dosing volume from 1 µl to 10 ml
- Combitip can be ejected via single-hand operation
- Also suitable for viscous or foamy solutions, as well as liquids with high vapour pressure

Not a medical device / Not an IVD product.

Delivery incl. wall bracket/adaptor for pipette carousel 2, Combitips advanced® 2.5 ml tip, quality certificate and battery (button cell CR 2032).

Version	Art. No.	Pack Qty.	DKK	DKK
Manual	1KPC.1	1 unit	3305,65	2974,90

Set

Delivery incl. bracket for wall/pipette carousel 2, Combitips advanced® rack, Combitips advanced® assorted pack (for each tip, volume 1 µl – 10 ml), quality certificate and battery (button cell CR 2032).

Version	Art. No.	Pack Qty.	DKK	DKK
Manual	1KPE.1	1 unit	3402,40	3061,90

A 121 °C



-15 %

Baffled flasks DURAN® with screw closure

DWK Life Sciences. Material: DURAN® glass, PP screw closure with PTFE membrane. Autoclavable: yes.
Four baffles on the base create a turbulent flow, enlarge the gas exchange surface area and therefore increase oxygen intake. Automated production ensures a reproducible flask geometry and consistent results.

- Double-thickness walls for exceptional mechanical stability
- With retrace code (batch identification)
- Temperature stable up to +140 °C

Vol. (ml)	Art. No.	Pack Qty.	DKK	DKK
250	PK16.1	4 units	730,15	620,65
500	PK17.1	4 units	821,25	697,90
1,000	AEP1.1	1 unit	264,40	224,65



-25 %

A 121 °C



Cell culture media bottle DURAN® TILT

DWK Life Sciences. Material: DURAN® glass, PP screw cap. Autoclavable: yes.
Can be used in two positions: upright for storage, tilted at 45° for ergonomic pipetting.

- Compact shape, ideal for low sliding windows in sterile workbenches
- Stackable and space-saving
- Wide opening for easy pipetting
- Ergonomic screw thread for easy opening and closing
- Double volume marking for added convenience

Delivery incl. screw cap, white.

Vol. (ml)	Art. No.	Pack Qty.	DKK	DKK
500	EXH2.1	4 units	489,40	366,75



A 121 °C



Please note: Different conditions

-10 %

Safety reaction tubes Eppendorf Safe-Lock Tubes

Eppendorf AG. Material: PP. Autoclavable: yes.

- With locking lid, protects against unintended opening during incubation and storage
- Very airtight, prevents the sample from evaporating
- High stability when centrifuging
- Outside and lid with matt finish for labelling

Not a medical device / Not an IVD product.

Eppendorf Quality

Non-sterile.

Vol. (ml)	Colour	Centrifugability fixed angle rotor in g	Temp. stability (°C)	Purity grade	Sterility	Art. No.	Pack Qty.	DKK	DKK
0.5	colourless	30,000	-86 to +100	Eppendorf Quality™	Non-sterile	1KNY.1	500 units	387,00	348,00
1.5	colourless	30,000	-86 to +100	Eppendorf Quality™	Non-sterile	1KP0.1	1,000 units	391,15	351,75
2	colourless	25,000	-86 to +100	Eppendorf Quality™	Non-sterile	1KP1.1	1,000 units	534,75	480,75

PCR clean

Non-sterile. Free of RNase/DNase, human DNA and PCR inhibitors.

Vol. (ml)	Colour	Centrifugability fixed angle rotor in g	Temp. stability (°C)	Purity grade	Sterility	Art. No.	Pack Qty.	DKK	DKK
0.5	colourless	30,000	-86 to +100	PCR clean	Non-sterile	1KP2.1	500 units	428,25	384,75
1.5	colourless	30,000	-86 to +100	PCR clean	Non-sterile	1KP3.1	1,000 units	428,25	384,75
2	colourless	25,000	-86 to +100	PCR clean	Non-sterile	1KP4.1	1,000 units	583,15	524,25

Biopur®

Sterile. Individually packed. Free of RNase/DNase, human/bacterial DNA and PCR inhibitors. Free of endotoxins (pyrogen-free) and ATP-free.

Vol. (ml)	Colour	Centrifugability fixed angle rotor in g	Temp. stability (°C)	Purity grade	Sterility	Art. No.	Pack Qty.	DKK	DKK
0.5	colourless	22,000	-86 to +100	Eppendorf Biopur®	Sterile	1KP5.1	50 units	265,50	238,50
1.5	colourless	22,000	-86 to +100	Eppendorf Biopur®	Sterile	1KP6.1	100 units	271,15	243,40
2	colourless	22,000	-86 to +100	Eppendorf Biopur®	Sterile	1KP7.1	100 units	361,50	324,75



-10%

Please note: Different conditions

Cooling and heating thermoshaker ThermoMixer® C

Eppendorf AG.

Mixing, heating and cooling using round movements.

Features:

- With attachment detection – mixing frequency is automatically limited to the max. value for the block
- Interval mix – ongoing switching between mixing and rest periods; the mixing frequency and duration are freely selectable
- Five program keys for commonly used mixing and temperature parameters
- 20 program places – programs with up to four freely programmable successive stages. The program stages run successively

Technical specifications:

Art. No.	1K3P.1
Type	ThermoMixer® C
Operating temperature	15 °C below room temperature up to +100 °C
Temperature adjustment range	+1 to +100 °C
Accuracy	1 K
Resolution	1 °C
Timer	15 s to 99 h 30 min or continuous operation
Shaking frequency	300–3000 rpm
Shaking amplitude (stroke)	3 mm
W x D x H	206 x 304 x 136 mm
Mains connection	220–240 V, 50/60 Hz

Delivery without interchangeable block (please order separately).

Version	Max. exchange blocks	Art. No.	Pack Qty.	DKK	DKK
Heating and cooling	1	1K3P.1	1 unit	24324,75	21892,15

-10%

Please note: Different conditions

Accessories SmartBlock™ interchangeable block for ThermoMixer® C

Eppendorf AG.

For reaction vials

Max. shaking frequency of ThermoMixer® C: 2000 rpm for 0.5/1.5/2.0 ml reaction vials, max. 1000 rpm for 5 ml reaction vials.

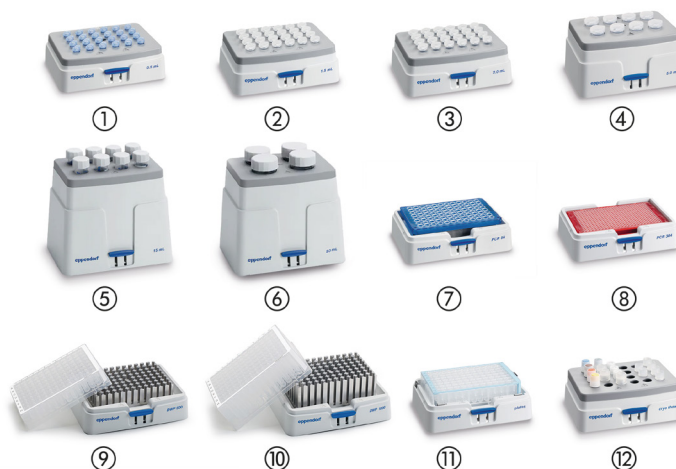
Delivery incl. suitable transfer rack with interchangeable block for 0.5/1.5/2.0 ml reaction vials. No transfer rack for 5.0 ml.

Pic.	Suitable for	Art. No.	Pack Qty.	DKK	DKK
(1)	24 x 0.5 ml conical reaction vials	1K3X.1	1 unit	5047,15	4542,40
(2)	24 x 1.5 ml conical reaction vials	1K3Y.1	1 unit	5047,15	4542,40
(3)	24 x 2.0 ml cylindrical reaction vials	1K40.1	1 unit	5047,15	4542,40
(4)	8 x 5.0 ml conical reaction vials	1K41.1	1 unit	5047,15	4542,40

For centrifuge tubes

Max. shaking frequency of ThermoMixer® C: 1000 rpm.

Pic.	Suitable for	Art. No.	Pack Qty.	DKK	DKK
(5)	8 x 15 ml centrifuge tubes (Falcon®)	1K42.1	1 unit	5047,15	4542,40
(6)	4 x 50 ml centrifuge tubes (Falcon®)	1K43.1	1 unit	5047,15	4542,40



For trays

Max. shaking frequency of ThermoMixer® C: 3000 rpm for microtiter plates/384-well PCR trays, max. 2000 rpm for 96-well PCR trays and max. 1500 rpm for deep-well trays.

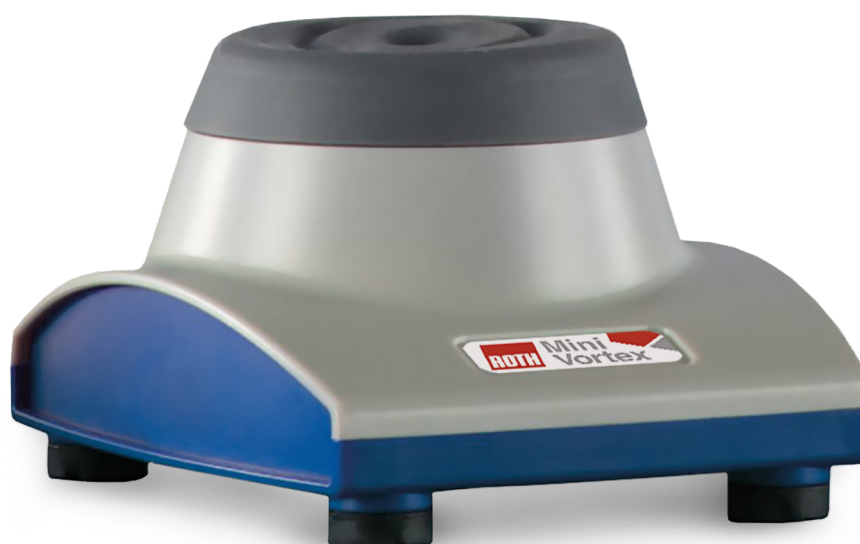
Delivery incl. lid.

Pic.	Suitable for	Art. No.	Pack Qty.	DKK	DKK
(7)	96-well PCR trays	1K44.1	1 unit	6272,65	5645,25
(8)	384-well PCR trays	1K45.1	1 unit	6272,65	5645,25
(9)	96/500 µl deep-well trays	1K46.1	1 unit	6272,65	5645,25
(10)	96/1000 µl deep-well trays	1K47.1	1 unit	6272,65	5645,25
(11)	Microtiter plates and deep-well trays	1K48.1	1 unit	6272,65	5645,25

For cryogenic vessels

Max. outside Ø: 12.5 mm, all base shapes. Max. shaking frequency of ThermoMixer® C: 2000 rpm.

Pic.	Suitable for	Art. No.	Pack Qty.	DKK	DKK
(12)	24 cryogenic vessels, 1.5-2.0 ml	1K49.1	1 unit	5047,15	4542,40



Test tube shakers ROTILABO® Mini Vortex

ROTH SELECTION. Material: ABS, silicone.

Specially designed for low space requirements and mixing small sample sizes by means of a touch function.

- For small containers with a Ø of up to 30 mm such as test tubes, centrifuge tubes, reaction vials, etc.
- With fixed speed setting of 4500 rpm
- 5 years warranty

Delivery incl. 12 V plug-in power supply and two standard silicone attachments.

Art. No.	Pack Qty.	DKK	DKK
HXH6.1	1 unit	865,50	648,75

-25 %

Technical specifications:

Art. No.	HXH6.1
Type	ROTILABO® Mini Vortex
Movement type	circular vibrating
Speed	4500 rpm
Shaking amplitude (stroke)	6 mm
W x D x H	110 x 75 x 130 mm
Mains connection	100–240 V, 50/60 Hz

Please note: Different conditions

-10 %**Centrifuge tubes Eppendorf Conical Tubes® 25 ml**

Eppendorf AG. Material: PP transparent, screw-on lid: HDPE, light grey.

The graduated, conical 25 ml Eppendorf Conical Tubes® are suitable thanks to an optimised height ideal for cell biology, sample preparation in microbiology, DNA extraction and overlapping applications such as buffer preparation, storage and transport.

The vessels are available with snap-on lids or screw-on lids.

Temperature resistance: -86 to +100 °C.

- Contains no plasticisers, biocides or mould release agents
- Certified purity: available in batch-tested and certified Eppendorf Quality™ purity grades, PCR clean and sterile

Not a medical device / Not an IVD product.

**With screw-on lid**

Autoclavable: no.

Vol. (ml)	Sterility	Ø ext. (mm)	Height (mm)	Centrifugability in g (max.)	Purity grade	Packaging type	Pack.	Art. No.	Pack Qty.	DKK	DKK
25	Non-sterile	29	78.5	17,000	Eppendorf Quality™	bag	5 x 40	1KE9.1	200 units	543,75	489,00
25	Non-sterile	29	78.5	17,000	PCR clean	bag	5 x 40	1KEA.1	200 units	580,50	522,40
25	Sterile	29	78.5	17,000	Pyrogen-, DNase-, RNase-, DNA-free	bag	8 x 25	1KEC.1	200 units	617,65	555,40



Please note: Different conditions

-10 %**Centrifuge tubes Eppendorf Conical Tubes® 50 ml**

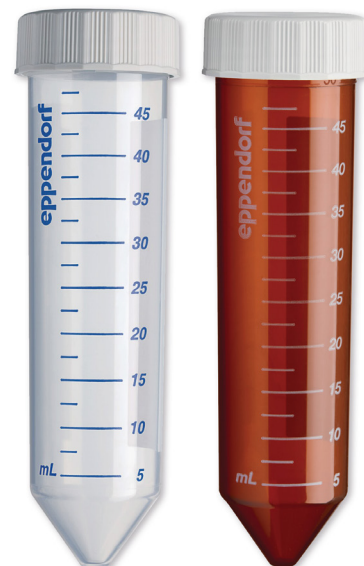
Eppendorf AG. Material: PP, screw-on lid: HDPE, light grey.

The graduated, conical 50 ml Eppendorf Conical Tubes® are available in various purity grades and colour versions depending on the application requirements. Suitable for cell biology, sample preparation in microbiology, DNA extraction and overlapping applications such as buffer preparation, storage and transport.

Temperature resistance: -86 to +100 °C.

- Contains no plasticisers, biocides or mould release agents
- Certified purity: available in batch-tested and certified purity grades sterile and PCR clean
- Precise dimensions enable maximum compatibility with centrifuge rotors, mixers and shakers

Not a medical device / Not an IVD product.

**Transparent**

Vol. (ml)	Sterility	Ø ext. (mm)	Height (mm)	Centrifugability in g (max.)	Purity grade	Packaging type	Pack.	Art. No.	Pack Qty.	DKK	DKK
50	Sterile	29	116	19,500	Pyrogen-, DNase-, RNase-, DNA-free	bag	20 x 25	1KKK.1	500 units	1653,00	1487,25
50	Sterile	29	116	19,500	Pyrogen-, DNase-, RNase-, DNA-free	rack	12 x 25	1KKL.1	300 units	1298,25	1168,15
50	Non-sterile	29	116	19,500	DNA LoBind® + PCR clean	bag	4 x 50	1KKN.1	200 units	708,00	636,75
50	Non-sterile	29	116	19,500	Protein LoBind® + PCR clean	bag	4 x 50	1KKP.1	200 units	919,15	827,25

Brown

Vol. (ml)	Sterility	Ø ext. (mm)	Height (mm)	Centrifugability in g (max.)	Purity grade	Packaging type	Pack.	Art. No.	Pack Qty.	DKK	DKK
50	Sterile	29	116	19,500	Pyrogen-, DNase-, RNase-, DNA-free	bag	8 x 25	1KKT.1	200 units	668,65	601,50



Screw top bottle DURAN® YOUTILITY

DWK Life Sciences. Material: DURAN® glass. Autoclavable: yes.

- Specially shaped recessed grips for easier and safer handling
- Slim bottle shape allows more space-saving use
- Scale indicating total volume
- Predefined labelling space
- Ergonomically shaped screw cap with leak-proof sealing system for optimal handling, even by users with small or gloved hands
- Optimised thread (compatible with DIN GL 45 closures) for faster bottle opening and closing
- With retrace code

Delivery incl. optimised screw cap and PP pouring ring.

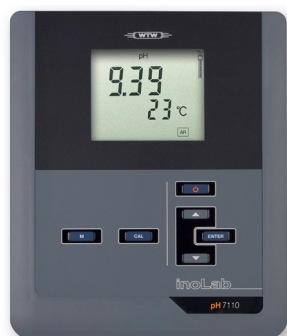
Clear glass

Vol. (ml)	Ø ext. (mm)	Height (mm)	Thread	Art. No.	Pack Qty.	DKK	DKK
125	55	124	GL 45	AEY2.1	4 units	274,50	219,40
250	66	158	GL 45	AEY3.1	4 units	295,90	236,65
500	78	193	GL 45	AEY4.1	4 units	363,00	290,25
1,000	93	253	GL 45	AEY5.1	4 units	514,90	411,75

Brown glass

For storing light-sensitive substances. Meets the requirements of USP <660> and Eur. Ph. 3.2.1. with regard to light protection. DURAN® characteristic inside the bottle remain unaltered as only the exterior is coated; long useful life and brown colouring has good chemical resistance. Light protection: absorption in short wave range up to 500 nm.

Vol. (ml)	Ø ext. (mm)	Height (mm)	Thread	Art. No.	Pack Qty.	DKK	DKK
125	55	124	GL 45	CCT9.1	4 units	854,65	683,65
250	66	158	GL 45	CCX0.1	4 units	1177,50	942,00
500	78	193	GL 45	CCX1.1	4 units	1537,50	1230,00
1,000	93	253	GL 45	CCX2.1	4 units	1882,50	1506,00

-15%**NEW / +**

Benchtop pH meter inoLab® pH 7110

WTW.

Ideal for routine measurements in laboratories.

- Large, clear LCD display with all important information at a glance
- Intuitive operation through simple keyboard
- Reproducible measurement results through automatic AutoRead function with automatic recognition of stable measured values
- Easy calibration with adjustable calibration timer

Technical specifications:

Art. No.	205L.1	205N.1
Type	pH 7110 set 2	pH 7110 set 4
Sensor	SenTix® 41	SenTix® 81
Parameters	pH, redox, temperature	
pH measuring range	-2 to +19	
pH resolution	0,001	
pH accuracy	±0.005	
Voltage measuring range	-2000 to +2000 mV	
Voltage resolution	1 mV	
Voltage accuracy	±1 mV	
Temperature measuring range	-5 to +105 °C	
Temperature resolution	0.1 °C	
Temperature accuracy	±0.1 °C	
Temperature sensor	NTC 30 kΩ, pt 1000	
Calibration points	1/2/3 (pH)	
Calibration memory	current calibration	
IP rating	43	
Connection	DIN 19262 (pH), Banana, 2 x 4 mm (°C)	
L x W x H	230 x 190 x 80 mm	
Power supply	power supply unit or 4 x 1.5 V AA batteries	
Mains connection	100–240 V, 50/60 Hz	

Set 2

For simple routine measurements.

pH single-rod measuring cell SenTix® 41 with integrated temperature gauge: pH range 0 to 14, operating temperature 0 to +80 °C, fibre diaphragms, gel electrolyte, plastic shaft, shaft length/Ø 120/12 mm.

Delivery incl. pH single-rod measuring cell SenTix® 41, buffer solution (pH 4 / 7 / 10), electrode holder and power supply unit.

Art. No.	Pack Qty.	DKK	DKK
205L.1	1 unit	7796,65	6627,00

Set 4

For demanding measurements.

pH single-rod measuring cell SenTix® 81 with integrated temperature gauge: pH range 0 to 14, operating temperature 0 to +100 °C, platinum diaphragms, liquid electrolyte, glass shaft, shaft length/Ø 120/12 mm.

Delivery incl. pH single-rod measuring cell SenTix® 81, buffer solution (pH 4 / 7 / 10), electrode holder and power supply unit.

Art. No.	Pack Qty.	DKK	DKK
205N.1	1 unit	8022,40	6818,65

Standard conductivity in sachets

ROTH SELECTION.

The quantity of reagent contained in a sachet (25 ml) is sufficient for a single calibration.

- Traceable thanks to comparison with standard references from the National Institute of Standards and Technology (NIST)
- With certificate of analysis for documenting the quality, traceability and accuracy

Delivery incl. certificate of analysis.

-20%

Conductivity testers

Dostmann.

- Large LCD display
- Waterproof and dust-proof
- Automatic calibration with display of the calibrated ranges
- Automatic temperature correction from 0 to +50 °C
- Confirmation when a stable measured value is reached

Technical specifications:

Art. No.	HPC8.1	HPC9.1
Type	COND 1	COND 5
Parameters	conductivity, TDS	conductivity, TDS, salinity, temperature
Conductivity measuring range	0 µS/cm to 20 mS/cm	
Conductivity resolution	automatic (1 µS/cm – 1 mS/cm)	
Conductivity accuracy	±20 µS/cm (0 to 1999 µS/cm), ±0.2 mS/cm (2.0 to 20.0 mS/cm)	±2 µS/cm (0 to 199.9 µS/cm), ±20 µS/cm (200 to 1999 µS/cm), ±0.2 mS/cm (2.0 to 20.0 mS/cm)
Calibration points	1/2 (standard)	1/2/3 (standard)
Reference temp. conductivity	+25 °C	+20 / +25 °C
TDS measuring range	0 ppm to 10 ppt	
TDS resolution	automatic (0.1 ppm – 0.01 ppt)	
TDS accuracy	±2 ppm (0.1 to 199.9 ppm), ±20 ppm (200 to 1999 ppm), ±0.1 ppt (2.00 to 10.00 ppt)	±2 ppm (0.1 to 199.9 ppm), ±20 ppm (200 to 1999 ppm), ±0.1 ppt (2.00 to 10.00 ppt)
Salinity measuring range		0 mg/l to 10 g/l
Salinity resolution		automatic (0.1 mg/l – 0.01 g/l)
Salinity accuracy		±2 mg/l (0.1 to 199.9 mg/l), ±20 mg/l (200 to 1999 mg/l), ±0.1 g/l (2.00 to 10.00 g/l)
Temperature measuring range		0 to +50 °C
Temperature resolution		0.1 °C
Temperature accuracy		±0.2 °C
IP rating	67	
Replaceable electrode	no	yes
Ø x L	35 x 175 mm	
Weight	130 g	
Power supply	2x battery Micro/AAA 1.5 V	

Delivery incl. test solutions (1413 µS/cm and 12.88 mS/cm), storage case and batteries.

(1) COND 1

Art. No.	Pack Qty.	DKK	DKK
HPC8.1	1 unit	721,15	576,40

(2) COND 5

Multicolour back lighting for status display of measurement mode, calibration and alarm.

Art. No.	Pack Qty.	DKK	DKK
HPC9.1	1 unit	1120,90	896,25

-20%

1413 µS/cm

Conductivity accuracy	Art. No.	Pack Qty.	DKK	DKK
±1%	KCX3.1	20 units	241,50	193,15

12,880 µS/cm

Conductivity accuracy	Art. No.	Pack Qty.	DKK	DKK
±1%	KCX4.1	20 units	241,50	193,15



-25 %



pH testers CHECK series

Dostmann.

Handy digital-pH tester for measuring the pH value of small liquid quantities in narrow vessels.

- Fixed rod electrode
- Automatic calibration and temperature compensation
- HOLD function
- Battery status display

Delivery incl. batteries.

Without storage solution and buffer solutions, please order separately.

PH CHECK

With standard electrode for aqueous solutions.

Art. No.	Pack Qty.	DKK	DKK
HPC7.1	1 unit	346,15	259,15

PH CHECK G

With glass electrode for measuring in aggressive media.

Art. No.	Pack Qty.	DKK	DKK
KLH9.1	1 unit	661,15	495,75

Technical specifications:

Art. No.	HPC7.1	KLH9.1
Parameters	pH, temperature	
pH measuring range	0 to 14	
pH resolution	0,01	
pH accuracy	±0.1	
pH temp. compensation	yes	
Temperature measuring range	0 to +50 °C	
Temperature resolution	0.5 °C	
Temperature accuracy	±1 °C	
Calibration points	1/2/3 (pH)	
IP rating	65	
Replaceable electrode	no	
Storage solution	3 M KCl	
Shaft length	120 mm	
Ø Shaft	12 mm	
Shaft material	plastic	glass
Weight	70 g	
Power supply	2 x button CR 2032 (3 V)	



pH buffer solution ROTILABO® in sachets

ROTH SELECTION.

The quantity of reagent contained in a sachet (25 ml) is sufficient for a single calibration.

- Traceable thanks to comparison with standard references from the National Institute of Standards and Technology (NIST) and the National Metrology Institute of Germany (PTB)
- With certificate of analysis for documenting the quality, traceability and accuracy

-20 %

PH 4,01

pH accuracy	Art. No.	Pack Qty.	DKK	DKK
±0.01	KAY0.1	20 units	241,50	193,15

PH 7,00

pH accuracy	Art. No.	Pack Qty.	DKK	DKK
±0.01	KAY1.1	20 units	241,50	193,15

PH 10,01

pH accuracy	Art. No.	Pack Qty.	DKK	DKK
±0.02	KAY2.1	20 units	241,50	193,15



A 121 °C

Please note: Different conditions

-10 %

Single-channel microlitre pipette Eppendorf Research® plus

Eppendorf AG. Autoclavable: yes.

Ergonomic air displacement pipette for precise working.

- Light weight, low effort when pipetting
- Low operating and ejection forces
- Minimum strain for hand and arm
- Large display, can be read off easily
- Forwards and reverse pipetting is possible
- Adjusting option for various fluid classes
- Fully autoclavable at 121 °C

Delivery incl. epT.I.P.S® box (0.1 - 1000 µl) or bag (0.25 - 10 ml) and quality certificate.

Technical specifications:

Art. No.	1KC0.1	1KC1.1	1KC2.1	1KC3.1	1KC4.1	1KC5.1	1KC6.1	1KC7.1	1KC8.1	1KC9.1	1KCA.1
Volume	0.1 to 2.5 µl	0.5 to 10 µl	2 to 20 µl		10 to 100 µl	20 to 200 µl	30 to 300 µl	100 to 1,000 µl	250 to 2,500 µl	500 to 5,000 µl	1000 to 10,000 µl
Nominal volume	2.5 µl	10 µl	20 µl		100 µl	200 µl	300 µl	1,000 µl	2,500 µl	5,000 µl	10,000 µl
Correctness	≤±1.4 %	≤±1.0 %	≤±1.0 %		≤±0.8 %	≤±0.6 %	≤±0.6 %	≤±0.6 %	≤±0.6 %	≤±0.6 %	≤±0.6 %
Variation coefficient	2.5 µl ≤±0.7 %	10 µl ≤±0.4 %	20 µl ≤±0.3 %		100 µl ≤±0.2 %	200 µl ≤±0.2 %	300 µl ≤±0.2 %	1000µl ≤±0.2 %	2.5 ml ≤±0.2 %	5 ml ≤±0.15 %	10 ml ≤±0.15 %

Not a medical device / Not an IVD product.

Version	Volume (µl)	Graduation (µl)	Colour coding	Art. No.	Pack Qty.	DKK	DKK
Single-channel, variable	0.1 to 2.5	0.002	dark grey	1KC0.1	1 unit	2322,00	2089,50
Single-channel, variable	0.5 to 10	0.01	medium grey	1KC1.1	1 unit	2322,00	2089,50
Single-channel, variable	2 to 20	0.02	light grey	1KC2.1	1 unit	2322,00	2089,50
Single-channel, variable	2 to 20	0.02	yellow	1KC3.1	1 unit	2322,00	2089,50
Single-channel, variable	10 to 100	0.1	yellow	1KC4.1	1 unit	2322,00	2089,50
Single-channel, variable	20 to 200	0.2	yellow	1KC5.1	1 unit	2322,00	2089,50
Single-channel, variable	30 to 300	0.2	orange	1KC6.1	1 unit	2322,00	2089,50
Single-channel, variable	100 to 1000	1	blue	1KC7.1	1 unit	2322,00	2089,50
Single-channel, variable	250 to 2500	2	red	1KC8.1	1 unit	2322,00	2089,50
Single-channel, variable	500 to 5000	5	purple	1KC9.1	1 unit	2322,00	2089,50
Single-channel, variable	1000 to 10000	10	turquoise	1KCA.1	1 unit	2322,00	2089,50



-10 %

A 121 °C

Please note: Different conditions

Single-channel microlitre pipette set Eppendorf Research® plus

Eppendorf AG. Autoclavable: yes.

Delivery incl. three single-channel microlitre pipettes Eppendorf Research® plus, epT.I.P.S.® box (0.1 - 1000 µl) or bag (0.25 - 10 ml), Eppendorf pen and quality certificate.

Not a medical device / Not an IVD product.

Version	Volume range (µl)	Art. No.	Pack Qty.	DKK	DKK
Starter kit	0,5 - 10 / 10 - 100 / 100 - 1000	1KAT.1	1 unit	5708,25	5137,15
Starter kit	2 - 20 / 20 - 200 / 100 - 1000	1KAX.1	1 unit	5708,25	5137,15
Starter kit	100 - 1000 / 500 - 5000 / 1000 - 10000	1KAY.1	1 unit	5708,25	5137,15



-25 %

Measuring beakers ROTILABO®

ROTH SELECTION. Material: PP, transparent. Autoclavable: limited.

With smooth surface and raised, red embossed scale. Cleaning at max. 60 °C recommended to protect the printing. Suitable for foodstuffs.

Vol. (ml)	Graduations (ml)	Ø upper (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
50	2	40	70	YA29.1	1 unit	19,50	14,25
100	2	50	80	YA30.1	1 unit	21,75	16,15
250	5	70	120	YA31.1	1 unit	30,75	22,90
500	10	91	133	0757.1	1 unit	36,75	27,40
1,000	10	116	170	0758.1	1 unit	49,90	37,15
2,000	20	150	215	0768.1	1 unit	87,75	65,25
3,000	50	170	242	0779.1	1 unit	115,15	85,90
5,000	100	210	270	0780.1	1 unit	165,40	123,75



-25 %

A 121 °C

Measuring cylinders class B, brown graduations

Hirschmann. Material: borosilicate glass 3.3. Autoclavable: yes.

Low form. With a hexagonal base, line graduation and spout, brown graduations. Acc. to DIN ISO 4788.

Vol. (ml)	Graduations (ml)	Ø (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
10	1.0	21	100	K255.2	2 units	180,00	134,65
25	1.0	25	125	K256.2	2 units	180,00	134,65
50	2.0	29	150	K257.2	2 units	182,25	136,50
100	2.0	39	170	K258.2	2 units	228,75	171,00
250	5.0	54	220	K259.2	2 units	417,40	312,75
500	10.0	65	255	K260.2	2 units	555,40	415,90
1,000	20.0	85	295	K261.1	1 unit	448,15	335,65
2,000	50.0	105	345	K262.1	1 unit	771,40	577,90



Glass vials with rolled rim

Hecht. Material: soda-lime glass, clear.

Delivery incl. snap-on lid made of LDPE.

-25 %

Short

Vol. (ml)	Ø ext. (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
2	11.5	36	CLA0.1	690 units	1314,40	985,50
5	24	24	CLA1.1	154 units	449,65	336,75
8	24	34	CLA2.1	154 units	448,50	336,00
10	24	41	CLA3.1	154 units	445,15	333,75
15	26	48	CLA4.1	130 units	420,75	315,00
20	26	60	CLA5.1	130 units	458,25	343,50
30	28	72	CLA6.1	108 units	439,50	329,25
60	32	106	CLA7.1	84 units	576,40	431,65

Tall

Vol. (ml)	Ø ext. (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
3	19	30	CLA8.1	200 units	460,90	345,40
5	19	40	CLA9.1	200 units	500,25	374,65
10	22	45	CLC0.1	200 units	538,90	403,90
25	30	50	CLC1.1	200 units	652,15	488,65
30	28	75	CLC2.1	200 units	819,75	614,25
40	30	80	CLC3.1	200 units	827,65	620,25
50	30	100	CLC4.1	200 units	982,50	736,50
100	34	145	CLC5.1	100 units	1062,00	796,15



-25 %

Oxygen bottles acc. to Winkler

Mariefeld. Material: glass, clear.

With recessed stopper and labelling space. Total volume engraved on the cone, two decimal places, tolerance ± 0.1 ml.

Volume (ml)	Standard ground glass joint	Art. No.	Pack Qty.	DKK	DKK
100 to 150	14/23	HH78.1	1 unit	326,65	244,50
250 to 300	19/26	HH79.1	1 unit	391,15	292,90



-25%

Round filters ROTILABO®

ROTH SELECTION.

Filter paper for **qualitative analysis**. Made of 100% cellulose.
Ash content: 0.06%.

Type 111A

Very fast filtration speed. Filtration time according to DIN 53137: 10 s.
Surface weight: 80 g/m². Retention range: 12–15 µm. Thickness: 0.16 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	DKK	DKK
111A	25	12–15	XP31.1	100 units	65,65	48,75
111A	47	12–15	XP32.1	100 units	65,65	48,75
111A	55	12–15	AP58.1	100 units	67,15	49,90
111A	70	12–15	AP59.1	100 units	73,15	54,40
111A	90	12–15	AP60.1	100 units	94,50	70,50
111A	110	12–15	AP61.1	100 units	99,40	73,90
111A	125	12–15	AP62.1	100 units	126,40	94,15
111A	150	12–15	AP63.1	100 units	154,15	115,15
111A	185	12–15	AP64.1	100 units	191,25	142,90
111A	240	12–15	AP65.1	100 units	301,15	225,75

Type 112A

Fast filtration speed. Filtration time according to DIN 53137: 20 s.
Surface weight: 80 g/m². Retention range: 8–12 µm. Thickness: 0.16 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	DKK	DKK
112A	47	8–12	XP34.1	100 units	65,65	48,75
112A	55	8–12	AP66.1	100 units	67,15	49,90
112A	70	8–12	AP67.1	100 units	73,15	54,40
112A	90	8–12	AP68.1	100 units	94,50	70,50
112A	110	8–12	AP69.1	100 units	99,40	73,90
112A	125	8–12	AP70.1	100 units	126,40	94,15
112A	150	8–12	AP71.1	100 units	154,90	115,90
112A	185	8–12	AP72.1	100 units	189,00	141,40
112A	240	8–12	AP73.1	100 units	300,00	224,65

Type 113A

Medium filtration speed. Filtration time according to DIN 53137: 50 s.
Surface weight 87 g/m². Retention range: 5–8 µm. Thickness: 0.16 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	DKK	DKK
113A	47	5–8	XP36.1	100 units	65,65	48,75
113A	55	5–8	AP74.1	100 units	67,15	49,90
113A	70	5–8	AP75.1	100 units	73,15	54,40
113A	90	5–8	AP76.1	100 units	94,15	70,15
113A	110	5–8	AP77.1	100 units	99,40	73,90
113A	125	5–8	AP78.1	100 units	126,40	94,15
113A	150	5–8	AP79.1	100 units	154,15	115,15
113A	185	5–8	AP80.1	100 units	191,25	142,90
113A	240	5–8	AP81.1	100 units	300,00	224,65

Type 114A

Low filtration speed. Filtration time according to DIN 53137: 100 s.
Surface weight: 80 g/m². Retention range: 3–5 µm. Thickness: 0.15 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	DKK	DKK
114A	47	3–5	XP38.1	100 units	65,65	48,75
114A	55	3–5	AP82.1	100 units	58,15	43,50
114A	70	3–5	AP83.1	100 units	63,75	47,25
114A	90	3–5	AP84.1	100 units	78,40	58,15
114A	110	3–5	AP85.1	100 units	94,50	70,50
114A	125	3–5	AP86.1	100 units	96,00	71,65
114A	150	3–5	AP87.1	100 units	128,25	95,65
114A	185	3–5	AP88.1	100 units	157,50	117,75
114A	240	3–5	AP89.1	100 units	250,15	187,15

Type 115A

Very low filtration speed. Filtration time according to DIN 53137: 180 s.
Surface weight 80 g/m². Retention range: 2–3 µm. Thickness: 0.14 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	DKK	DKK
115A	47	2–3	XP40.1	100 units	55,15	40,90
115A	55	2–3	AP90.1	100 units	58,15	43,50
115A	70	2–3	AP91.1	100 units	63,75	47,25
115A	90	2–3	AP92.1	100 units	77,65	57,75
115A	110	2–3	AP93.1	100 units	94,50	70,50
115A	125	2–3	AP94.1	100 units	108,40	81,00
115A	150	2–3	AP95.1	100 units	132,75	99,00
115A	185	2–3	AP96.1	100 units	158,25	118,50
115A	240	2–3	AP97.1	100 units	250,15	187,15

Type 601A

Low filtration speed. Filtration time according to DIN 53137: 88 s.
Surface weight: 73 g/m². Retention range: 5–13 µm. Thickness: 0.16 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	DKK	DKK
601A	55	5–13	AP98.1	100 units	67,15	49,90
601A	70	5–13	CA04.1	100 units	67,15	49,90
601A	90	5–13	AT00.1	100 units	67,15	49,90
601A	100	5–13	AT01.1	100 units	70,15	52,15
601A	110	5–13	AT02.1	100 units	70,15	52,15
601A	125	5–13	AT03.1	100 units	74,65	55,50
601A	150	5–13	AT05.1	100 units	90,75	67,50
601A	185	5–13	AT06.1	100 units	115,50	86,25
601A	210	5–13	AT08.1	100 units	133,15	99,40
601A	240	5–13	AT09.1	100 units	154,15	115,15
601A	250	5–13	AT10.1	100 units	154,15	115,15
601A	320	5–13	AT11.1	100 units	224,65	168,00
601A	330	5–13	AT12.1	100 units	224,65	168,00
601A	400	5–13	AT13.1	100 units	325,15	243,40



-30 %

Timer with count-down/count-up

ROTH SELECTION.

Count-down/count-up. Maximum operating time 99 hrs, 59 min or 99 min, 59 s. **Timer memory function for 3 times.** Two different volumes or mute mode can be selected. With additional LED warning light. **Pre-alarm function (fully adjustable).** Includes stand, magnet for fixing to metal surfaces and hanging attachment.

Technical specifications:

Art. No.	1T6Y.1
W x D x H	79 x 21.5 x 79 mm
Weight	70 g

Delivery without batteries. Requires 2 x 1.5 V micro batteries.

Type	Colour	Art. No.	Pack Qty.	DKK	DKK
Signal timer 99 HOURS	white	1T6Y.1	1 unit	144,75	100,90

Accessories:

Designation	Art. No.	Pack Qty.	DKK	DKK
Micro AAA 1.5 V battery	1021.2	4 units	48,00	33,40



-30 %

Timers ROTILABO® with count-down

Carl ROTH.

4-digit LCD display for minutes and seconds. Programmable for 99 min, 59 s. Alarm triggered when "0" is reached. Timer memory function. Clip for hanging and magnet for placing.

Technical specifications:

Art. No.	X398.1
W x D x H	66 x 18 x 56 mm
Weight	45 g

Delivery incl. 1.5 V AAA battery.

Type	Art. No.	Pack Qty.	DKK	DKK
Count-down timer	X398.1	1 unit	217,50	151,90



-30 %

Timers ROTILABO®

Carl ROTH.

Count-down/count-up. Maximum operating time 99 min, 59 s. Start/stop button with visual timer status display (green = time counting down; red = preset time expired). Two different volumes or mute mode can be selected. **Timer memory function for 3 times.** Includes stand, magnet for fixing to metal surfaces and hanging attachment.

Technical specifications:

Art. No.	TA16.1
W x D x H	90 x 20 x 60 mm

Delivery incl. 2 x 1.5 V AAA batteries.

Type	Art. No.	Pack Qty.	DKK	DKK
Short period timer	TA16.1	1 unit	163,15	113,65



-30 %

Timers ROTILABO® 3-line

Carl ROTH.

All three displays have a **count-down/count-up** and memory function. Large 3-line LCD display. **Three separate timers in one device.** Adjustable to 99 h, 59 min and 59 s. Clock can be switched from 12 to 24-hour display. Clip for hanging and magnet for placing.

Technical specifications:

Art. No.	P874.1
W x D x H	83 x 22 x 73 mm
Weight	80 g

Delivery incl. 1.5 V button cell battery.

Type	Art. No.	Pack Qty.	DKK	DKK
Short period measurer, 3-line	P874.1	1 unit	276,00	192,40



Complete set



NEW / +

Heating and magnetic stirrer RCT basic

IKA.

- Temperature and speed adjustment via LED display
- Surface made of hardened, shatterproof glass
- **Can be directly connected to Pt 1000 medium measuring probe**
- Integrated contact thermometer with full functionality
- Adjustable safety circuit for the hot plate temperature (50 to 360 °C)
- Warning of hot surface if residual heat on hot plate is >50 °C

-15%

Technical specifications:

Art. No.	1XPK.1
Type	complete RCT basic ready-to-go solution set
Max. stirring capacity (H ₂ O)	20 l
Speed range	50 to 1500 rpm
Hotplate material	aluminium alloy
Operating temperature	13 °C above ambient temperature up to 310 °C
Setting accuracy	±1 K
Control accuracy without sensor	±5 K
Control accuracy with sensor	Pt 1000: ±1 K
Heating output	600 W
Footprint	Ø 135 mm
W x D x H, total	160 x 270 x 85 mm
Mains connection	220–230 V, 50/60 Hz

Complete ready-to-go solution set

Delivery incl. Pt 1000 temperature sensor, H 16 V stand rod, H 38 holder rod, H 44 clamp, L 30/40 x Ø 8 mm magnetic stirring rods and BC 1000 silicone beaker cover for 600/1000 ml beakers.

Art. No.	Pack Qty.	DKK	DKK
1XPK.1	1 unit	7155,00	6081,75



Wireless data logger

Testo.

Modern solution for temperature measurement and monitoring in storage, cold-storage and work rooms.

- Data transfer via WiFi
- Online data storage directly to cloud
- Measured values can be retrieved and evaluated via Internet-compatible smartphones, tablets or PCs
- Logger configuration via the testo basic cloud (free access), no software installation required
- An e-mail alert is generated if limits are exceeded

Technical specifications:

Art. No.	ECK0.1	1H1X.1
Type	Saveris 2-T1	Saveris 2-T2 set
Parameters	temperature	
Temperature measuring range, internal	-30 to +50 °C	
Ext. temp. measuring range		-50 to +150 °C
Temperature accuracy	±0.5 °C	
Temperature resolution	0.1 °C	
Display	yes	
Data memory	10,000 per channel	
Measuring cycle	15 min – 24 h	
Port	WiFi	
IP rating	65	
Reports	manual (.pdf/.csv)	
L x W x D	95 x 75 x 30.5 mm	
Weight	240 g	
Power supply	4x battery Mignon/AA 1.5 V	

Saveris 2-T1

With integrated NTC temperature sensor.

Delivery incl. basic cloud access, micro USB cable, wall mount with lock, calibration protocol and batteries.

Art. No.	Pack Qty.	DKK	DKK
ECK0.1	1 unit	1298,25	1103,25

Saveris 2-T2 set

For temperature monitoring in fridges and freezers: safe and convenient.

- With 2 external NTC temperature sensors
- Special ribbon cables prevent damage to door seals
- Included vials can be filled with glycol. If the sensors are immersed, they act as a temperature limiter and compensate for brief temperature fluctuations

Delivery incl. 2x NTC temperature sensors, 2x vials, basic cloud access, micro USB cable, wall mount with lock, calibration protocol and batteries.

Art. No.	Pack Qty.	DKK	DKK
1H1X.1	1 unit	3144,40	2672,65



Thermohygrometer

TFA-Dostmann.

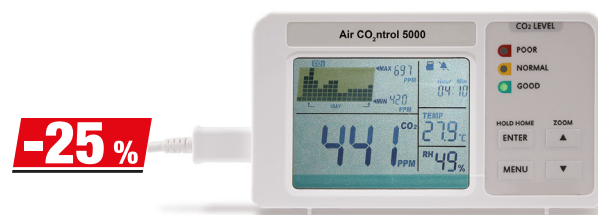
Max/min value monitoring. Can be wall- or table-mounted.

Technical specifications:

Art. No.	Y401.1
Parameters	temperature, humidity
Temperature measuring range	-10 to +60 °C
Rel. humidity measuring range	10 to 99 %
Temperature accuracy	±1 °C
Rel. humidity accuracy	±5%
Min./max. function	yes
L x W x D	110 x 95 x 20 mm
Weight	171 g
Power supply	battery Micro/AAA 1.5 V

Delivery incl. battery.

Art. No.	Pack Qty.	DKK	DKK
Y401.1	1 unit	195,40	136,15



Carbon dioxide meter Air CO₂ntrol 5000

Dostmann.

For monitoring the CO₂ concentration in buildings where people are present. With data logging function.

- Large backlit display with history function
- Traffic light display: LEDs (green, yellow, red) signalise CO₂ pollution
- Additionally with acoustic alarm signal as soon as the individually set limit is exceeded
- Logger function saves data as a CSV file on a Micro SD card; evaluation via Microsoft Excel®
- For table and wall mounting

Technical specifications:

Art. No.	1EN4.1
Type	Air CO ₂ ntrol 5000
Parameters	temperature, humidity, carbon dioxide
Temperature measuring range	0 to +50 °C
Carbon dioxide measuring range	0 - 5000 ppm
Rel. humidity measuring range	5 to 95 %
Resolution	0.1 °C, 1 % rel. hum., 1 ppm (0–1000 ppm) 5 ppm (1001–2000 ppm) 10 ppm (2001–5000 ppm)
Temperature accuracy	±0.5 °C
Carbon dioxide accuracy	±50 ppm or 5 %, the largest value applies (0–3000 ppm), ±7 % (from 3000 ppm)
Rel. humidity accuracy	±5 % rel. hum.
Measurement data memory	yes
Measuring cycle	5/30/60/300/600 s
L x W x D	120 x 66 x 33 mm
Power supply	mains-powered
Mains connection	100–240 V, 50/60 Hz
Weight	103 g

Delivery incl. micro SD card and mains adapter.

Art. No.	Pack Qty.	DKK	DKK
1EN4.1	1 unit	1282,15	961,15



-25 %

Penetration probe thermometer LABTHERM

Dostmann.

With robust penetration tip, ideal for measuring in liquids, food, etc.

Water and dust proof acc. to IP 67. Hold, max. and min. function.

Auto-Off function, switches off after 15 minutes to prolong battery life, can be deactivated. 0 °C calibration function.

Delivery incl. protective case (for the sensor), fastening clip and battery.

Sensor: Ø x L (mm)	Art. No.	Pack Qty.	DKK	DKK
3.5 x 106	LN45.1	1 unit	192,40	143,65
3.5 x 300	1LC6.1	1 unit	220,50	165,00

Technical specifications:

Art. No.	LN45.1	1LC6.1
Type	LABTHERM	LABTHERM XL
Parameters	temperature	
Temperature measuring range	-40 to +250 °C	
Temperature resolution	0.1 °C	
Temperature accuracy	±0.5 °C (-10 to +100 °C), ±1.0 °C or ±1% (outside)	
Min./max. function	yes	
IP rating	67	
Sensor: Ø x L	3.5 x 106 mm	3.5 x 300 mm
L x W x H	220 x 25 x 20 mm	414 x 25 x 20 mm
Power supply	V13GA (1.5 V) button cell battery	



-15%

Rotary evaporators RV 3 series

IKA.

- 4 l water heating bath with digital temperature display and handles
- Manual lift
- Adjustable insertion angle
- Continuous speed adjustment via rotary knob and display scale
- Piston fixture with integrated push-off mechanism for easy changing of evaporating flasks

Technical specifications:

Art. No.	KAX8.1	HTX5.1
Type	RV 3 V	RV 3 V-C
Speed range	20 to 300 rpm	
Temperature range	to 99 °C	
Heating output	1350 W	
Setting accuracy	1 K	
Control deviation	±1 K	
Bath volume	4 l	
Heating bath width	330 mm	
Heating bath length	190 mm	
Heating bath height	325 mm	
Hose connectors	for hoses ID 8 mm (water and vacuum hose)	
L x W x H, total	440 x 330 x 530 mm	
Weight	28 kg	
Mains connection	100–240 V, 50/60 Hz	

Delivery incl. heating bath and vertical glassware. With PTFE inlet tube and 1000 ml evaporating flask (NS 29/32) and 1000 ml receiving flask (KS 35/20).

Type	Version	Glassware	Art. No.	Pack Qty.	DKK	DKK
RV 3 V	Vertical cooler	Uncoated	KAX8.1	1 unit	20205,00	17174,25
RV 3 V-C	Vertical cooler	Coated	HTX5.1	1 unit	21540,00	18309,00



①

②

NEW/+

Made in Germany



-10%

Multi-position magnetic stirrers MIX series

2mag.

100% wear- and maintenance-free induction drive for mixing solutions depending on model e.g. suitable for six Erlenmeyer flasks, 1000 ml or 15 beakers, 250 ml, tall.

- Stainless steel housing
- Digital display for accurate speed and performance adjustment
- Max. 3 l stirring volume per stirring position
- Synchronously rotating, jerk-free stirring even at low speeds
- Stirring power can be adjusted to four steps; high power for larger stirring capacities and viscous media, reduced power for long-term, heat-free operation

Technical specifications:

Art. No.	20AH.1	20AK.1
Type	MIX 6	MIX 15
Number of stirring points	6	15
Max. stirring capacity (H ₂ O)	3 l	
Speed range	100 to 2000 rpm	
Power setting	5/10/15/20 W	
Clearance between stirring points	130 mm	65 mm
W x D x H, total	245 x 425 x 38 mm	
IP rating	65	
Mains connection	120–240 V, 50/60 Hz	

Pic.	Type	Art. No.	Pack Qty.	DKK	DKK
(1)	MIX 6	20AH.1	1 unit	13585,50	12226,50
(2)	MIX 15	20AK.1	1 unit	17020,00	15325,15

-20%



Glass ceramic hot plate CT 2203/TC

Rommelsbacher.

- Brushed stainless steel housing
- Large heating zone can be switched on (Ø 210 mm)
- Heat output 1000 W (Ø 140 mm)
- Heat output 2200 W (Ø 210 mm)
- Schott Ceran® Cooktop
- Heating power is adjustable in 9 steps
- Control lamp, residual heat display
- Automatic operating time limitation (1 to 10 h depending on the cooking level set)

Technical specifications:

Art. No.	EY75.1
Type	CT 2203/TC
Temperature range	to +460 °C
Heated zone	Ø 140/Ø 210 mm
W x D x H, total	305 x 410 x 75 mm
Mains connection	230 V, 50/60 Hz

Art. No.	Pack Qty.	DKK	DKK
EY75.1	1 unit	1773,75	1419,00



-15%

Small magnetic stirrer Topolino

IKA.

- Continuously adjustable speed range
- Plate made of PP

Technical specifications:

Art. No.	KE48.1
Type	Topolino
Max. stirring capacity (H ₂ O)	0.25 l
Speed range	300 to 1800 rpm
Footprint	Ø 80 mm
W x D x H, total	95 x 110 x 40 mm

Delivery incl. mains adapter.

Art. No.	Pack Qty.	DKK	DKK
KE48.1	1 unit	990,00	841,50



-20%

NEW/+

Refrigerator Performance SRFvg series

.Liebherr.

General information for all models:

- Cooling temperature is adjustable from +3 to +16 °C
- Digital temperature display (resolution 0.1 °C)
- With convection cooling
- Temperature constancy ± 3.0 K
- Operation via three keys, self-explanatory/language-supported menu flow, nine languages available
- Memory for min/max temperatures, recording duration 999 h or 42 d. With the option to reset the time and min/max temperature for a new recording (after checking the temperatures)
- Feedthrough for external sensors ($\varnothing$ 10 mm)
- With lockable door
- With alarm relay, potential-free contact

With glass door and LED light

Type	Art. No.	Pack Qty.	DKK	DKK
SRFvg 3511	20EP.1	1 unit	20551,50	16440,75
SRFvg 4011	20ET.1	1 unit	20309,65	16247,25
SRFvg 5511	20EX.1	1 unit	24179,65	19343,25

Technical specifications:

Art. No.	20EP.1	20EY.1	20ET.1	20H0.1	20EX.1	20H1.1
Type	SRFvg 3511	SRFvg 3501	SRFvg 4011	SRFvg 4001	SRFvg 5511	SRFvg 5501
Cooling capacity	260 l	261 l	297 l	298 l	440 l	441 l
Refrigeration temperature from	+3 °C					
Refrigeration temperature up to	+16 °C					
Number of grates	4	5				
Outer width	597 mm					747 mm
Outer depth	654 mm					769 mm
Outer height	1,684 mm	1,884 mm		1,684 mm		
Inner width	460 mm					606 mm
Inner depth	423 mm					536 mm
Inner height	1,442 mm	1,460 mm	1,642 mm	1,660 mm	1,442 mm	1,460 mm
Thawing method	automatic					
Energy consumption (24 h)	1.074 kWh	0.619 kWh	1.180 kWh	0.669 kWh	1.184 kWh	0.684 kWh
Mains connection	220–240 V, 50 Hz					

With standard door/solid door

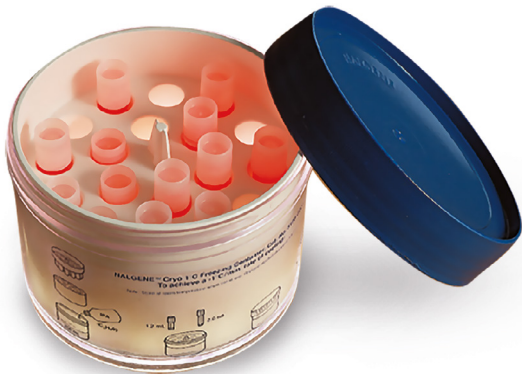
Type	Art. No.	Pack Qty.	DKK	DKK
SRFvg 3501	20EY.1	1 unit	17890,90	14312,25
SRFvg 4001	20H0.1	1 unit	18535,90	14828,25
SRFvg 5501	20H1.1	1 unit	22244,65	17795,25



Cryo-freezing container Mr. Frosty

Nalgene. Material: PC, lid and tube holder made of HDPE.
With foam rubber insert.
Easy to use: only 100% isopropyl alcohol and a freezer are required.
For reproducible, repeated cooling of samples at approx. -1 °C/min.
Optimum cellular yield after storage at low temperatures.
The tube holder prevents direct contact between the tubes and the alcohol; any marking on the tubes remains readable.
The tube holder can be used as a floating stand for thawing samples in the water bath.

-25 %



Suitable for	No. of slots	Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.	DKK	DKK
1–2 ml cryogenic vials	18	120	86	AC96.1	1 unit	1273,90	955,15

-25 %

Cooling rack ROTILABO® for sample vials

ROTH SELECTION. Material: aluminium.
For cooling samples in an ice bath.



Suitable for	Arrangement of slots	No. of slots	Ø Hole (mm)	Length (mm)	Width (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
Sample vials 1.5–2 ml	7 x 14	98	12	220	110	30	KKY5.1	1 unit	1524,00	1142,65
Headspace vials 20 ml	4 x 8	32	22.5	220	110	30	KKY6.1	1 unit	1524,00	1142,65

-25 %



Cooling packs ROTILABO®

Carl ROTH. Material: plastic (PA/PE film), with gel filling.
• Outstanding cooling properties
• Suitable for multiple use



Outer length (mm)	Outer width (mm)	Art. No.	Pack Qty.	DKK	DKK
140	137	PX99.1	60 units	449,65	336,75
190	137	PY00.1	32 units	199,15	148,90



Cooling box

ROTH SELECTION. Material: PP, full PU foam insulation.

Technical specifications:

Art. No.	P252.1	P253.1
Cooling capacity	17 h	20,5 h
Inner length	265 mm	320 mm
Inner width	165 mm	195 mm
Inner height	250 mm	275 mm
Weight	1.4 kg	2.1 kg

With bow handle

Loose-fit lid, can be locked with carrying handles.

Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.	DKK	DKK
10	350	225	310	P252.1	1 unit	325,90	244,15
17	410	245	355	P253.1	1 unit	494,65	370,90

-25 %**Test tube**

Marienfeld. Material: soda-lime glass.

With round bottom and straight edge.

Not a medical device / Not an IVD product.

Vol. (ml)	Ø ext. (mm)	Height (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	DKK	DKK
4	10	75	0.6	TX18.1	1,000 units	644,25	482,65
6	12	75	0.6	TX19.1	500 units	238,15	178,15
9	12	100	0.6	TX20.1	500 units	386,25	289,15
14	16	100	0.8	TX21.1	310 units	313,90	234,75
20	16	130	0.8	TX22.1	100 units	165,40	123,75
23	16	150	0.8	TX23.2	100 units	166,90	124,90
25	16	160	0.8	TX24.2	100 units	177,40	132,75
35	18	180	1.0	TX25.1	100 units	302,65	226,50
75	25	200	1.2	TX26.1	63 units	442,90	331,50

-25 %**Plugs ROTILABO® with lamella**

ROTH SELECTION. Material: LDPE.

Temperature resistant in the range -50 to +80 °C.

For tubes with inside Ø 9-11 mm (outside Ø approx. 12 mm)

Colour	Art. No.	Pack Qty.	DKK	DKK
red	E025.1	1,000 units	130,90	97,90
blue	E027.1	1,000 units	130,90	97,90
green	E026.1	1,000 units	130,90	97,90
yellow	E024.1	1,000 units	130,90	97,90
natural	E023.1	1,000 units	127,50	95,25

For tubes with inside Ø 13-14 mm (outside Ø approx. 16 mm)

Colour	Art. No.	Pack Qty.	DKK	DKK
red	E030.1	1,000 units	165,40	123,75
blue	E032.1	1,000 units	165,40	123,75
green	E031.1	1,000 units	165,40	123,75
yellow	E029.1	1,000 units	165,40	123,75
natural	E028.1	1,000 units	165,40	123,75

NEW / +**-25 %****Bowl**

Semadeni. Material: PP (recycled).

Sturdy and universally usable bowl, with integrated recessed grips and flat base.

Not a medical device / Not an IVD product.

Anthracite

Vol. (ml)	Ø ext. (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
4,000	290	120	202X.1	1 unit	79,90	59,65
6,000	340	140	202Y.1	1 unit	102,40	76,50

Blue

Vol. (ml)	Ø ext. (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
4,000	290	120	203A.1	1 unit	79,90	59,65
6,000	340	140	203C.1	1 unit	102,40	76,50

NEW / +**-25 %****Tub**

Semadeni. Material: PP, white.

Oval, stable tub with handles attached to the side. Versatile use in laboratory, industry and household. Temperature stable up to max. +80 °C.

Not a medical device / Not an IVD product.

Vol. (l)	Length (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
12	450	160	204K.1	1 unit	119,65	89,25
16	500	180	204L.1	1 unit	129,00	96,75
23	550	200	204N.1	1 unit	204,40	153,00
30	600	230	204P.1	1 unit	254,25	190,15
45	650	250	204T.1	1 unit	353,25	264,75



-25 %



A 121 °C

TLC atomiser with test tube

Lenz. Material: DURAN® glass. Autoclavable: yes.

Autoclavable without rubber hose.

Delivery incl. clamp for ground joint and rubber ball.

Vol. (ml)	Standard ground glass joint	Art. No.	Pack Qty.	DKK	DKK
6	14/23	TK61.1	1 unit	463,90	347,25
12	19/26	TK62.1	1 unit	475,15	355,90

-20 %



Preparation box

DWK Life Sciences. Material: DURAN® glass.

With ground glass plate. Versatile for use as a slide storage box, TLC separation chamber, etc.

Vol. (ml)	L x W x H (mm)	Art. No.	Pack Qty.	DKK	DKK
250	60 x 50 x 100	T067.1	1 unit	387,40	309,75
550	100 x 50 x 120	T068.1	1 unit	461,65	369,00
800	130 x 50 x 130	T069.1	1 unit	616,90	493,50
1,000	150 x 50 x 150	T070.1	1 unit	759,75	607,50
1,200	120 x 60 x 180	T071.1	1 unit	631,15	504,75
4,000	210 x 100 x 210	T072.1	1 unit	1282,50	1026,00
8,500	250 x 140 x 250	T073.1	1 unit	1800,00	1440,00

Shakers Genie® Mini-100 Orbital

Scientific Industries.

- Continuous speed adjustment
- Can be expanded to three levels with additional platforms, please order separately

Technical specifications:

Art. No.	HHP1.1
Type	Mini-100 Orbital-Genie®
Movement type	circular
Speed range	20 to 100 rpm
Shaking amplitude (stroke)	19 mm
Shaking surface area	290 x 290 mm
W x D x H	350 x 350 x 90 mm
Mains connection	230 V, 50 Hz

-15%



Delivery incl. tray top and anti-slip mat.

Art. No.	Pack Qty.	DKK	DKK
HHP1.1	1 unit	8022,40	6818,65



-15%

Rocker shaker 2D Digital Rocker

Thermo.

- Digital speed and time display
- Inclination angle can be electronically adjusted from 1 to 15°

Delivery incl. dimpled rubber mat.

Art. No.	Pack Qty.	DKK	DKK
1AT5.1	1 unit	7365,00	6260,25

Technical specifications:

Art. No.	1AT5.1
Type	2D Digital Rocker
Movement type	seesaw
Speed range	1 to 70 rpm
Speed display	LED
Tilt angle	1–15 °
Timer	1 min to 99 h, 59 min or continuous operation
Shaking surface area	282 x 322 mm
W x D x H	292 x 390 x 206 mm
Mains connection	100–240 V, 50/60 Hz

Accessories universal mat for 2D Digital Rocker

Thermo.

Smooth, slip-resistant surface for dishes, culture bottles and bags. Dimensions W 282 x D 322 mm.

Art. No.	Pack Qty.	DKK	DKK
1AT6.1	1 unit	296,25	251,65

-25%

Multifunction mixer Genie® Roto-Shake

Scientific Industries.

The universally applicable shaker with rocking, rotational and shaking motion. Depending on the positioning of the vials, different mixing movements can be attained: rotating, tilting/shaking, tilting/rotating, tilting/rolling, rotating/rolling as well as a combination of these movements. Easy to operate, **change-over from rotating to tilting movement as with a single hand movement.**

Delivery incl. 1 multifunction mixer Roto-Shake Genie®, 1 holder with 12 clips for tubes-Ø 10 to 13 mm, 1 holder with 6 clips for tubes-Ø 15 to 17 mm, 1 holder with 3 clips for tubes-Ø 28 to 30 mm, 4 magnetic strips for 2 bags 75 x 75 mm, 1 shaker platform (203 x 305 mm) with anti-slip mat for Petri dishes, etc.

Art. No.	Pack Qty.	DKK	DKK
P518.1	1 unit	11779,50	8834,25



Technical specifications:

Art. No.	P518.1
Type	Roto-Shake Genie®
Rotating	5 - 35 rpm
Tilting	10 to 70 cycles per min
Vibrating angle	±10 °
Shaking surface area	340 x 200 mm
W x D x H, external	508 x 252 x 267 mm



-20%



Rotator Tube Revolver for sample tubes

Thermo.

For mixing samples in test tubes.

- With LED speed display
- Turntable can be positioned at any angle (exception: turntable for 50 ml centrifuge tubes can only be positioned horizontally or vertically)
- Turntable are easy to replace
- Overhead mixing function with activateable agitation mode (additional shaking every 40° during every second rotation cycle)
- Max. 4 turntables can be attached at once (exception: only 1 turntable can be attached for 50 ml centrifuge tubes)

Delivery incl. 2 turntables for 7 centrifuge tubes 15 ml, 2 turntables for 7 blood collection tubes 5/7 ml, 2 turntables for 15 reaction vials 1.5/2.0 ml, 2 turntables for 21 reaction vials 0.5/0.8 ml and 1 turntable for 6 centrifuge tubes 50 ml.

Technical specifications:

Art. No.	ATX1.1
Type	tube revolver
Speed range	10 to 40 rpm
W x D x H, external	225 x 154 x 195 mm
Mains connection	100–240 V, 50/60 Hz

Art. No.	Pack Qty.	DKK	DKK
ATX1.1	1 unit	3330,00	2664,00

-15%

Safety laboratory canister

Rötzmeier. Material: stainless steel 1.4571, polished or unpolished.
Seals made of PTFE, handle made of powder-coated aluminium.
With removable flame arrestor in the filler.
Models with screw cap have a flexible shaft to secure the cap against loss.

Polished, with microdispenser and overpressure valve

Type	Vol. (l)	Ø (mm)	Height (mm)	Wall thickness (mm)	Weight (g)	Art. No.	Pack Qty.	DKK	DKK
OHD	0.5	99	198	1.0	665	1CN3.1	1 unit	1669,15	1418,65
01D2	1	111	235	0.6	700	5791.1	1 unit	1628,65	1384,15
02D2	2	131	295	0.6	800	0544.1	1 unit	1765,90	1500,75
05D2	5	165	400	0.6	1200	0157.1	1 unit	1975,50	1678,90

Polished, with screw cap and overpressure valve

Type	Vol. (l)	Ø (mm)	Height (mm)	Wall thickness (mm)	Weight (g)	Art. No.	Pack Qty.	DKK	DKK
OHK	0.5	99	198	1.0	665	1CN4.1	1 unit	1395,00	1185,40
01K	1	111	235	0.6	650	1192.1	1 unit	1330,50	1130,65
02K	2	131	295	0.6	750	1193.1	1 unit	1459,50	1240,15
05K	5	165	400	0.6	1150	1194.1	1 unit	1709,25	1452,75

Non-polished, with screw cap and UN-X approval

Type-approved for the transport of liquid hazardous substances acc. to GGVSEB, GGVSee, ADR, RID and IMDG code.

Type	Vol. (l)	Ø (mm)	Height (mm)	Wall thickness (mm)	UN approval	Weight (g)	Art. No.	Pack Qty.	DKK	DKK
01T	1	111	235	0.6	1A1/X2.0/400	650	PC01.1	1 unit	1314,40	1116,75
02T	2	131	305	0.6	1A1/X2.0/400	750	PC02.1	1 unit	1435,15	1219,90
05T	5	165	400	0.6	1A1/X2.0/400	1150	PC03.1	1 unit	1685,25	1432,15

-25%

Canisters

ROTH SELECTION. Material: HDPE, natural colours.
For storing, packaging and transporting. Suitable for foodstuffs.

Delivery incl. tamper-evident screw cap.

Vol. (l)	Width (mm)	Depth (mm)	Height (mm)	Thread	Ø Inner neck (mm)	UN approval	Art. No.	Pack Qty.	DKK	DKK
2	109	145	181	DIN 45	34.5	3H1/Y1.9/150	T391.1	1 unit	46,15	34,15
20	190	290	385	DIN 61	48.5	3H1/X1.9/250	PY06.1	1 unit	203,65	152,25
30	293	358	432	DIN 61	48.5	3H1/X1.8/250	HCC7.1	1 unit	325,50	243,75
2.5	115	153	208	DIN 45	34.5	3H1/Y1.6/150	T392.1	1 unit	56,65	42,00
3	115	153	240	DIN 45	34.5	3H1/Y1.6/150	T393.1	1 unit	57,75	43,15
5	145	190	251	DIN 51	43.0	3H1/X1.9/250	T394.1	1 unit	71,25	53,25
6	149	191	292	DIN 51	43.0	3H1/Y1.9/200	T395.1	1 unit	78,00	57,75
8	190	230	270	DIN 45	34.5	without	T396.1	1 unit	90,00	67,15
10	190	230	310	DIN 51	43.0	3H1/X1.9/250	T397.1	1 unit	117,00	87,40



-20%

Syringe filters ROTILABO®

Carl ROTH. Non-sterile.

With hydrophilic or hydrophobic membranes.

Not a medical device / Not an IVD product.

MCE

With hydrophilic membrane made of mixed cellulose ester (cellulose acetate and nitrate) for filtration of aqueous solutions.

Technical specifications:

Art. No.	P820.1	P818.1	P819.1
Ø membrane	25 mm		
Ø Housing	29 mm		
Membrane material	CME		
Housing material	PVC		
Sample volume	~100 ml		
Dead volume	<100 µl		
Filtration area	3.9 cm²		
Max. application temperature	45 °C		
Max. operating pressure	5 bar		
Inlet connection	Luer lock connector		
Outlet connection	Luer connector		

Pore size (µm)	Sterility	Ø membrane (mm)	Art. No.	Pack Qty.	DKK	DKK
0,8	Non-sterile	25	P820.1	100 units	1362,75	1089,75
0,22	Non-sterile	25	P818.1	100 units	1362,75	1089,75
0,45	Non-sterile	25	P819.1	100 units	1306,15	1044,75

Nylon

With hydrophilic nylon membrane for filtration of aqueous and many organic solutions.

Technical specifications:

Art. No.	CCX8.1	KY61.1	CCX9.1	KY64.1
Ø membrane	13 mm	30 mm	13 mm	30 mm
Ø Housing	19 mm	33 mm	19 mm	33 mm
Membrane material	nylon			
Housing material	PP			
Sample volume	~10 ml	~100 ml	~10 ml	~100 ml
Dead volume	<15 µl	<80 µl	<15 µl	<80 µl
Filtration area	0.8 cm²	4.52 cm²	0.8 cm²	4.52 cm²
Max. application temperature	45 °C			
Max. operating pressure	10 bar	8.6 bar	10 bar	8.6 bar
Inlet connection	Luer lock connector			
Outlet connection	Luer connector			

Pore size (µm)	Sterility	Ø membrane (mm)	Art. No.	Pack Qty.	DKK	DKK
0,2	Non-sterile	13	CCX8.1	100 units	1201,50	960,75
0,2	Non-sterile	30	KY61.1	100 units	1249,90	999,75
0,45	Non-sterile	13	CCX9.1	100 units	1201,50	960,75
0,45	Non-sterile	30	KY64.1	100 units	1282,15	1025,25

PES

With hydrophilic membrane made of polyethersulfone (PES) for separation of extremely fine particles in aqueous solutions.

Technical specifications:

Art. No.	P821.1
Ø membrane	30 mm
Ø Housing	33 mm
Membrane material	PES
Housing material	PP
Sample volume	~100 ml
Dead volume	<80 µl
Filtration area	4.52 cm²
Max. application temperature	45 °C
Max. operating pressure	8.6 bar
Inlet connection	Luer lock connector
Outlet connection	Luer connector

Pore size (µm)	Sterility	Ø membrane (mm)	Art. No.	Pack Qty.	DKK	DKK
0,22	Non-sterile	30	P821.1	100 units	2580,00	2064,00

PTFE

With hydrophobic membrane made of polytetrafluoroethylene (PTFE) for filtration of organic solutions and for air filtration.

Technical specifications:

Art. No.	CCY2.1	P815.1	CCY3.1	P816.1	P817.1
Ø membrane	13 mm	25 mm	13 mm	25 mm	
Ø Housing	19 mm	29 mm	19 mm	29 mm	
Membrane material	hydrophobic PTFE				
Housing material	PP	PE	PP	PE	
Sample volume	~10 ml	~100 ml	~10 ml	~100 ml	
Dead volume	<15 µl	<100 µl	<15 µl	<100 µl	
Filtration area	0.8 cm²	3.9 cm²	0.8 cm²	3.9 cm²	
Max. application temperature	45 °C				
Max. operating pressure	10 bar	5 bar	10 bar	5 bar	
Inlet connection	Luer lock connector				
Outlet connection	Luer connector				

Pore size (µm)	Sterility	Ø membrane (mm)	Art. No.	Pack Qty.	DKK	DKK
0,2	Non-sterile	13	CCY2.1	100 units	1201,50	960,75
0,2	Non-sterile	25	P815.1	100 units	1814,25	1451,25
0,45	Non-sterile	13	CCY3.1	100 units	1201,50	960,75
0,45	Non-sterile	25	P816.1	100 units	1906,15	1044,75
5,0	Non-sterile	25	P817.1	100 units	1906,15	1044,75

PVDF

With hydrophilic membrane made of polyvinylidene fluoride (PVDF) for filtration of aqueous and slightly organic solutions.

Technical specifications:

Art. No.	CCY0.1	KY62.1	CCY1.1	KY63.1
Ø membrane	13 mm	30 mm	13 mm	30 mm
Ø Housing	19 mm	33 mm	19 mm	33 mm
Membrane material	PVDF			
Housing material	PP			
Sample volume	~10 ml	~100 ml	~10 ml	~100 ml
Dead volume	<15 µl	<80 µl	<15 µl	<80 µl
Filtration area	0.8 cm²	4.52 cm²	0.8 cm²	4.52 cm²
Max. application temperature	45 °C			
Max. operating pressure	10 bar	8.6 bar	10 bar	8.6 bar
Inlet connection	Luer lock connector			
Outlet connection	Luer connector			

Pore size (µm)	Sterility	Ø membrane (mm)	Art. No.	Pack Qty.	DKK	DKK
0,22	Non-sterile	13	CCY0.1	100 units	1201,50	960,75
0,22	Non-sterile	30	KY62.1	100 units	1249,90	999,75
0,45	Non-sterile	13	CCY1.1	100 units	1201,50	960,75
0,45	Non-sterile	30	KY63.1	100 units	1282,15	1025,25

Microscope slides corners bevelled 45°

Mariefeld. Material: soda-lime glass.

Ideal for use in automatic systems.

Purpose: microscope slides are accessories for *in vitro* diagnostic examinations in optical microscopy and are used to cover specimens of biological samples (tissue and bodily fluids) and for archiving purposes.

In vitro diagnostic medical device class A.

Version	Art. No.	Pack Qty.	DKK	DKK
With frosted edge	CEX4.1	50 units	59,25	44,25
Without frosted edge	CEX3.1	50 units	56,25	41,65

-25 %



Technical specifications:

Art. No.	CEX3.1	CEX4.1
Length	76 mm	
Width	26 mm	
Thickn.	1 mm	
Standards	DIN ISO 8037-1	
Edge finishing	grounded 90°, corners bevelled 45°	



-15 %

Coverslips thickness 1

Mariefeld. Material: borosilicate glass from hydrolytic class I.

Applications: examinations using light and fluorescence microscopy, especially in medicine and biology.

- Thickness no. 1 (0,13–0,16 mm)
- Absolutely colourless, completely clear, suitable for fluorescence microscopy
- High light transmission
- Low inherent fluorescence
- Low flatness deviation, exact compliance with thicknesses
- Good wettability on both glass surfaces
- Ready-to-use
- Suitable for use in coverslippers
- Acc. to DIN ISO 8255

In vitro diagnostic medical device class A.

Purpose: coverslips are accessories for *in vitro* diagnostic examinations in optical microscopy and are used to cover specimens for archiving purposes.

L x W (mm)	Pack.	Art. No.	Pack Qty.	DKK	DKK
12 x 12	10 x 100	KHX2.1	1,000 units	173,65	147,00
15 x 15	10 x 100	KHX3.1	1,000 units	181,50	153,75
16 x 16	10 x 100	HKE4.1	1,000 units	181,50	153,75
18 x 18	10 x 100	HKE5.1	1,000 units	165,40	140,25
20 x 20	10 x 100	HKE6.1	1,000 units	201,00	170,25
22 x 22	10 x 100	HKE7.1	1,000 units	222,00	188,25
22 x 40	10 x 100	HKE9.1	1,000 units	415,50	352,50
22 x 50	10 x 100	HKH0.1	1,000 units	467,65	397,50
24 x 24	10 x 100	HKE8.1	1,000 units	278,25	236,25
24 x 32	10 x 100	HKH1.1	1,000 units	351,00	297,75
24 x 40	10 x 100	HKH2.1	1,000 units	431,65	366,40
24 x 50	10 x 100	HKH3.1	1,000 units	480,00	407,25
24 x 60	10 x 100	HKH4.1	1,000 units	547,50	465,00

Round

Ø (mm)	Pack.	Art. No.	Pack Qty.	DKK	DKK
5	10 x 100	1NPT.1	1,000 units	2967,00	2521,90
10	10 x 100	KHX4.1	1,000 units	534,75	454,15
12	10 x 100	HKH5.1	1,000 units	531,40	451,50
15	10 x 100	HKH6.1	1,000 units	592,90	503,25
16	10 x 100	KHX5.1	1,000 units	612,75	520,90
18	10 x 100	HKH7.1	1,000 units	612,75	520,90
20	10 x 100	KHX6.1	1,000 units	701,65	596,25
22	10 x 100	KHX7.1	1,000 units	757,90	643,90
24	10 x 100	KHX8.1	1,000 units	846,75	719,25
25	10 x 100	KHX9.1	1,000 units	846,75	719,25
30	10 x 100	KHY0.1	1,000 units	1217,65	1034,65

-25 %

Microscopy bowl

ROTH SELECTION. Material: soda-lime glass.

With semi-circular indentations, Ø 30 x depth 10 mm.

Delivery incl. cover (colourless, 40 x 40 x 2 mm).

Colour	Length (mm)	Width (mm)	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
black	40	40	16	TK77.1	1 unit	125,25	93,40
colourless	40	40	16	TK76.1	1 unit	66,40	49,50





-20 %



Staining trough ROTILABO®

Simport. Material: POM.

Resistant to most staining reagents, but irreversible discolouration may occur.

Delivery incl. connection clips, without microscope slide holder.

Vol. (ml)	Colour	L x W x H (mm)	Art. No.	Pack Qty.	DKK	DKK
80	blue	64 x 76 x 92	HA44.1	1 unit	117,00	93,40
80	yellow	64 x 76 x 92	HA45.1	1 unit	117,00	93,40
80	green	64 x 76 x 92	HA46.1	1 unit	117,00	93,40
80	pink	64 x 76 x 92	HA47.1	1 unit	117,00	93,40
80	white	64 x 76 x 92	HA48.1	1 unit	117,00	93,40

-20 %



Accessories slide holder ROTILABO®

Simport. Material: POM.

For 76 x 26 mm microscope slides. Vertical storage of the microscope slides means the labelling areas do not come into contact with staining solution.

Suitable for	Colour	L x W x H (mm)	Art. No.	Pack Qty.	DKK	DKK
12 microscope slides	grey	60 x 64 x 97	HA49.1	1 unit	128,65	102,75

NEW / +

A 121 °C

-20 %**Tube ROTILABO® PEEK**

ROTH SELECTION. Material: PEEK. Autoclavable: yes.
Flexible capillary hoses with high pressure resistance.
Good chemical resistance, suitable for many organic and inorganic liquids. Metal-free and corrosion-free.
Biocompatible and FDA-compliant.

Technical specifications:

Temp. stability	-50 to +250 °C
Colour	brown



Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Max pressure (bar)	Art. No.	Pack Qty.	DKK	DKK
0.25	1.6	0.68	350	1NC7.1	5 m	1273,90	1018,90
0.5	1.6	0.54	350	1NC4.1	5 m	1273,90	1018,90
0.8	1.6	0.41	280	1NC5.1	5 m	1362,75	1089,75
1.6	3.2	0.8	280	1NC6.1	5 m	3088,15	2470,15



A 121 °C

-25 %**Tube TYGON® S3™ E-3603**

Saint-Gobain. Material: PVC-based, DEHP-free. Autoclavable: yes.
FDA-compliant. Very smooth, polished inner wall.
Good chemical resistance.

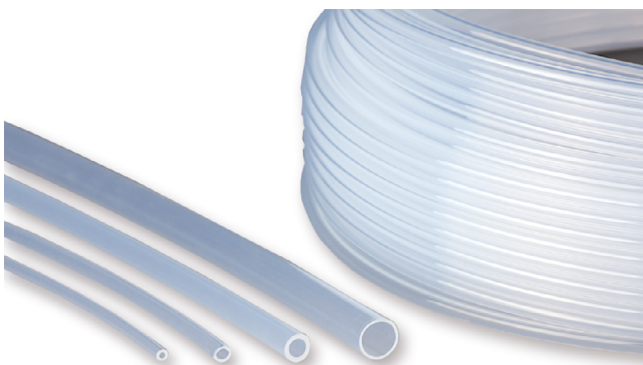
Standard design

For normal laboratory purposes; also suitable for coolers, incubators and peristaltic pumps.

Technical specifications:

Temp. stability	-46 to +74 °C
Colour	translucent
Hardness	56 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	DKK	DKK
1.6	3.2	0.8	YL81.1	15 m	196,15	146,65
1.6	4.8	1.6	YL82.1	15 m	418,50	313,50
2.4	4.0	0.8	EHE7.1	15 m	259,90	194,65
3.2	4.8	0.8	YL83.1	15 m	303,40	227,25
3.2	6.4	1.6	YL84.1	15 m	610,50	457,50
4.8	6.4	0.8	YL85.1	15 m	401,25	300,75
6.4	9.5	1.6	YL87.1	15 m	956,65	717,00
9.5	14.3	2.4	YL90.1	15 m	1701,40	1275,75
12.7	15.9	1.6	YL92.1	15 m	1628,65	1221,40
12.7	17.5	2.4	YL93.1	15 m	2217,40	1662,75
12.7	19.1	3.2	YL94.1	15 m	2991,40	2243,25
19.0	25.4	3.2	YL95.1	15 m	3733,15	2799,40



NEW / +

A 121 °C

-20 %**Tube PFA**

ROTH SELECTION. Material: PFA. Autoclavable: yes.
Chemically inert – resistant to nearly all chemicals. Non-porous, gastight and anti-adhesive. FDA-compliant.

Technical specifications:

Temp. stability	-200 to +260 °C
Colour	colourless

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	DKK	DKK
0.8	1.6	0.4	1NAN.1	5 m	342,75	274,15
1.6	3.2	0.75	1NAP.1	5 m	609,75	480,40
2	4	1	1NAT.1	5 m	609,00	486,75
4	6	1	1NAX.1	5 m	987,75	790,15
6	8	1	1NAY.1	5 m	1419,00	1135,15
8	10	1	1NC0.1	5 m	1499,65	1199,65



-20 %

NEW / +

Pressure hose PVC

ROTH SELECTION. Material: PVC with fabric insert.

Suitable for pressure applications, for weak acids, bases and saline solutions.

Tasteless and approved for the food industry.

Technical specifications:

Colour	translucent
Hardness	75±5 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Max. pressure (bar)	Art. No.	Pack Qty.	DKK	DKK
4	10	3	27	20HL.1	50 m	637,15	509,25
5	11	3	23	20HN.1	50 m	684,75	547,15
6	12	3	25	20HP.1	50 m	684,75	547,15
8	14	3	23	20HT.1	50 m	806,25	645,00
9	15	3	20	20HX.1	50 m	886,90	709,50
10	16	3	17	20HY.1	50 m	959,65	767,25
12	19	3	14	20K1.1	50 m	1209,40	967,50
12	21	4.5	15	20K0.1	50 m	1814,25	1451,25
13	20	3.5	14	20K2.1	50 m	1411,15	1128,75
16	24	4	14	20K3.1	50 m	2015,65	1612,50
19	27	4	12	20K4.1	50 m	2257,50	1806,00
25	34	4.5	9	20K5.1	25 m	1604,65	1283,25
32	42	5	8	20K6.1	25 m	2338,15	1870,50
38	48	5	6	20K7.1	25 m	2741,25	2193,00



Laboratory cleaning agent RBS 50

Carl ROTH.

Highly alkaline liquid laboratory cleaning concentrate. Suitable for universal cleaning by hand, immersion bath and ultrasonic bath cleaning as well as laboratory dishwashers. Even works on stubborn dirt. Cleans and degreases all non-corrosive materials and surfaces. Also removes problematic substances such as radioactive residues, Canada balsam, silicones, etc. For industrial applications to treat metal parts, lenses, electronic components, etc. Rinses off trace-free.

- pH pure product: 13.5
- Non foaming

Technical specifications:

Intended purpose	for manual cleaning, for automatic cleaning in immersion bath, for ultrasonic baths, for laboratory dishwashers
Delivery form	concentrated liquid
pH range	highly alkaline
Ingredients	tetrapotassium diphosphate, sodium hydroxide, sodium hypochlorite solution, mineral salts
Dosing	3–10% in water

Danger H290-H314

Not a medical device / Not an IVD product.

Art. No.	Pack Qty.	DKK	DKK
9232.1	1 l	177,00	123,75
9232.2	5 l	810,40	567,00
9232.4	20 kg	2273,65	1591,50

Laboratory cleaning agent RBS Neutral T

Carl ROTH.

Neutral liquid laboratory cleaning concentrate for manual or automatic cleaning. Also suitable for sensitive materials and surfaces. Non-corrosive. No harmful effects on culture growth, therefore also suitable for use in microbiology and tissue culture.

- Free from chlorine
- pH-neutral cleaning solution
- Density 1.072 g/ml
- Slightly foaming
- Biodegradable

Technical specifications:

Intended purpose	for manual cleaning, for automatic cleaning in immersion bath
Delivery form	concentrated liquid
pH range	neutral
Ingredients	surfactants, isotridecanol, ethylene glycol monophenyl ether, phosphates
Free from chlorine	yes
Dosing	4–6% in water



Danger H318

Not a medical device / Not an IVD product.

Art. No.	Pack Qty.	DKK	DKK
0180.1	1 l	142,50	99,40
0180.2	5 l	532,15	372,40

Cleaning brush ROTILABO®

ROTH SELECTION. Material: nylon.



Ø Brush (mm)	Brush length (mm)	Total length (mm)	Version	Art. No.	Pack Qty.	DKK	DKK
2	60	300	Chrome-nickel twisted-in wire	XK71.1	5 units	134,25	100,15
3	100	300	Chrome-nickel twisted-in wire	XK72.1	5 units	108,40	81,00
4	100	300	Galvanised twisted-in wire	XK73.1	5 units	109,90	82,15
5	100	300	Galvanised twisted-in wire	XK74.1	5 units	109,90	82,15
8	100	300	Galvanised twisted-in wire	XK75.1	5 units	109,90	82,15
10	100	300	Galvanised twisted-in wire	XK76.1	5 units	109,90	82,15
20	100	300	Galvanised twisted-in wire	XK77.1	5 units	119,65	89,25
30	100	300	Galvanised twisted-in wire	XK78.1	5 units	128,25	95,65
50	100	300	Galvanised twisted-in wire	XK79.1	5 units	155,25	115,90



-30%

Analytical balances HR series

A & D.

Application:

- Percent, counting, animal weighing
- Selectable weight units: g, mg, ct, etc.

Features:

- HR-A model with external calibration
- HR-AZ models with internal calibration
- Backlit LCD display
- Removable, round full-sized draft shield (internal height 198 mm); (W) = incl. draft shield
- The sliding doors of the draft shield tilt back to minimise space requirements
- With RS 232 data port
- Level indicator on the front
- Solid metal housing
- Overload protection
- Four-year warranty

Delivery incl. mains adapter.

Models with external calibration

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	DKK	DKK
HR-251A	62 / 252	0.0001 / 0.001	±0.0003 / 0.001	±0.0001 / 0.001	Ø 90	CTE2.1	1 unit	9006,00	6303,75
HR-100A	102	0.0001	±0.0002	±0.0001	Ø 90	CTE3.1	1 unit	9006,00	6303,75
HR-150A	152	0.0001	±0.0002	±0.0001	Ø 90	CTE4.1	1 unit	9828,40	6879,75
HR-250A	252	0.0001	±0.0003	±0.0002	Ø 90	CTE5.1	1 unit	11537,65	8076,00

Models with internal calibration

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	DKK	DKK
HR-251AZ (W)	62 / 252	0.0001 / 0.001	±0.0003 / 0.001	±0.0001 / 0.001	Ø 90	CTE6.1	1 unit	10989,40	7692,40
HR-100AZ (W)	102	0.0001	±0.0002	±0.0001	Ø 90	CTE7.1	1 unit	10941,00	7658,25
HR-150AZ (W)	152	0.0001	±0.0002	±0.0001	Ø 90	CTE8.1	1 unit	11497,15	8047,90
HR-250AZ (W)	252	0.0001	±0.0003	±0.0002	Ø 90	CTE9.1	1 unit	13803,00	9661,90



-20 %

Piston vacuum pump ROTILABO® CR-KP292

ROTH SELECTION.

Compact pump for vacuum and pressure applications. Suitable for pumping air and neutral gases.

Application:

pressure filtration of aqueous solutions, use in vacuum ovens, vacuum drying and gas sampling.

Technical specifications:

Art. No.	CYA9.1
Type	CR-KP292
Delivery rate	9,2 l/min
End vacuum (abs.)	292 mbar
Overpressure	3,3 bar
Media temperature	+10 – +60 °C
Connection	for hose inner Ø 6 mm
Motor power	25 W
Ambient temperature	+10 – +40 °C
W x D x H	114 x 194 x 191 mm
Weight	2 kg
Mains connection	230 V, 50 Hz

Art. No.	Pack Qty.	DKK	DKK
CYA9.1	1 unit	2572,15	2057,25



-20 %

Vacuum meter

ROTH SELECTION.

The devices are connected to a vacuum pump in series on the suction side. Stand mounting possible (using spring clamps on the back of the device).

Technical specifications:

Art. No.	NA03.1	Y457.1
Type	VAC	VAR
Version	meter	controller
Measuring range	1020–0 mbar	
Resolution	10 mbar	
Connection	for hose inner Ø 8 mm	
W x D x H	80 x 80 x 150 mm	

(1) VAR with manual regulator

For controlling the vacuum and keeping it constant via a control button. Continuously adjustable for a variable vacuum level.

Art. No.	Pack Qty.	DKK	DKK
Y457.1	1 unit	1846,50	1476,75

(2) VAC

For displaying the current vacuum level.

Art. No.	Pack Qty.	DKK	DKK
NA03.1	1 unit	1282,15	1025,25

Tube ROTILABO® rubber

ROTH SELECTION. Material: natural rubber.

Vacuum design

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	DKK	DKK
5	15	5.0	0678.1	5 m	303,40	227,25
6	16	5.0	0679.1	5 m	325,90	244,15
6	16	5.0	0679.2	25 m	1362,75	1021,90
8	18	5.0	0680.1	5 m	436,90	327,40
8	18	5.0	0680.2	25 m	1846,50	1384,50
10	20	5.0	0681.1	5 m	423,75	317,65
12	22	5.0	T985.1	5 m	623,25	467,25
15	31	8.0	T986.1	5 m	1362,75	1021,90

-25 %



Technical specifications:

Temp. stability	-10 to +50 °C
Colour	red
Hardness	45 Shore A



-20%

Rotary vane pump package ROTILABO® CR-DS40

ROTH SELECTION.

Robust, two-stage vacuum pump primarily for vacuum ovens, freeze dryers and the Schlenkline technique. Its innovative technology means that it has a long service life and is highly reliable and low-maintenance.

- Lower operating temperature thanks to optimised cooling, which reduces the chemical activity in the pump and the oil consumption
- Extended oil change intervals thanks to the large oil storage tank
- Larger oil capacity results in increased dilution of chemical vapours, minimisation of oil degradation rates and reduction in chemical damage in the pump
- Decelerated metal corrosion thanks to the additional coating of pump module and oil storage tank which, in conjunction with cold traps, extend the maintenance intervals

Delivery incl. oil mist filter, adapter (DN 16 small flange to DN 10/8 mm hose nozzle), 1 l pump oil, funnel, clamping and centring rings.

Art. No.	Pack Qty.	DKK	DKK
1A9E.1	1 unit	14947,90	11958,00

Technical specifications:

Art. No.	1A9E.1
Type	CR-DS40
Delivery rate	38 l/min
Delivery rate	2.3 m³/h
End vacuum (abs.)	3 x 10 ⁻³ mbar
End vacuum abs. with gas ballast	9 x 10 ⁻² mbar
Media temperature	+10 – +40 °C
Connection	KF DN 16 small flange
Oil filling	0,45 l
Motor power	290 W
Ambient temperature	+10 – +40 °C
IP rating	54
Noise level	50 db
W x D x H	384 x 138 x 211 mm
Weight	15 kg
Mains connection	115–230 V, 50/60 Hz



-20 %

Platform (mm)	Material thickness (mm)	Art. No.	Pack Qty.	DKK	DKK
1000 x 750	1.5	1YNE.1	1 unit	13796,25	10965,00
1500 x 750	1.5	1YNH.1	1 unit	16205,65	12964,50

NEW / +

Laboratory bench

ROTH SELECTION. Material: stainless steel 1.4301, plastic feet.

Price plus transport costs of €55.00 within Germany.

- Bevelled worktop 50 mm on all sides
- Worktop material thickness: 1.5 mm, reinforced with stainless steel crossbars
- Frame made of 40 x 40 mm square tube
- Feet, height adjustable ± 25 mm
- Fitted on delivery

Technical specifications:

Art. No.	1YNE.1	1YNH.1
Width	1,000 mm	1,500 mm
Depth	750 mm	
Height	850 mm	
Load capacity	252 kg	241 kg
Weight	28 kg	39 kg

NEW / +



Office chair Comfort

ROTH SELECTION. Material: imitation leather (seat and backrest), plastic base.

Acc. to DIN 68877. GMP-compliant. Large, ergonomically shaped backrest and seat with integrated lumbar support, pelvic support and rounded seat front edge. Good sitting comfort thanks to soft and comfortable upholstery. Height backrest: 530 mm. Seat: W 460 x D 440 mm. Base Ø: 680 mm.

- Inclination of seat and backrest is adapted to the sitting posture
- Backrest height adjustment
- Continuous seat-height adjustment by safety gas spring with protective cover
- Surface easy to clean and disinfect
- GS-certified
- 10 year warranty

Delivered unassembled.

Sustainability

Awarded the Blue Angel ecolabel and "TÜV Rheinland certified - tested for emissions and harmful substances" test certification.

Seat height 490–630 mm

Load-dependent dual casters with brakes for hard floor surfaces. Won't roll away in unloaded condition.

Version	Colour	Max. load (kg)	Art. No.	Pack Qty.	DKK	DKK
Rollers	black	120	20AL.1	1 unit	3789,40	3031,50

-20 %



Seat height 690–930 mm, with foot ring

Soft seat-stop rollers for hard floors. Fixed when loaded, rollable when unloaded. Chrome-plated, height-adjustable foot ring.

Version	Colour	Max. load (kg)	Art. No.	Pack Qty.	DKK	DKK
seat-stop rollers	black	120	20AN.1	1 unit	4994,25	3515,25

Technical specifications:

Art. No.	X429.1	X430.1	X431.1	X432.1
Ø upper	290 mm			
Ø lower		435 mm	445 mm	
Load capacity	150 kg			
Weight	4.9 kg		2.8 kg	

Plastic

Material: PP, break-proof.

Colour	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
white	425	X431.1	1 unit	431,25	344,65
light grey	425	X432.1	1 unit	431,25	344,65

Metal

Material: metal, powder-coated. Steps with slip-resistant rubber covering.

Colour	Height (mm)	Art. No.	Pack Qty.	DKK	DKK
blue	430	X429.1	1 unit	769,50	615,00
light grey	430	X430.1	1 unit	769,50	615,00



-20 %

Roller stools

ROTH SELECTION.

According to DIN 4569. TÜV- and BG-tested. Can be moved thanks to three spring-mounted castors (insertable). With thick plastic ring base. Unshakably secure hold with a load of 5 kg and above.



Shelf trolley plastic with tray shelves

ROTH SELECTION. Material: PE (tray shelves).

- Shelves in the form of trays
- Tray depth 70 mm
- On trolleys with three shelves, the height of the middle shelf can be adjusted by 25 mm
- Load-bearing capacity per shelf 65 kg

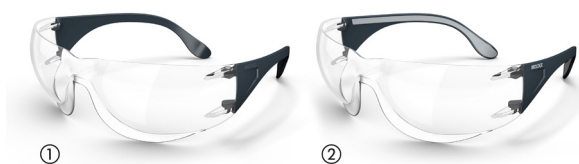
Delivery incl. four swivel castors with rubber tyres, not assembled.

-20%

Technical specifications:

Number of bases	Platform (mm)	Art. No.	Pack Qty.	DKK	DKK
2	480 x 730	X446.1	1 unit	5152,15	4121,25
2	625 x 885	X448.1	1 unit	4950,40	3960,00
3	480 x 730	X447.1	1 unit	5337,40	4269,75
3	625 x 885	X449.1	1 unit	5401,90	4321,50

Art. No.	X446.1	X447.1	X448.1	X449.1
Length	540 mm		690 mm	
Width	840 mm		995 mm	
Height	1,060 mm			
Floor clearance	610 mm	280 mm	610 mm	280 mm
Roller Ø	125 mm			
Load capacity	130 kg	195 kg	130 kg	195 kg

**NEW / +****Safety glasses ADAPT**

Moldex. Material: PC, TPE, nylon, lens polycarbonate, sealing lip TPE, temples nylon.

Acc. to **EN 166**, **EN 170**.

Lightweight, innovative safety glasses specially designed for wearing with protective masks.

- Innovative lens design with flexible sealing lip
- Perfect fit in combination with respiratory protection masks
- Prevents fogging when wearing respiratory protection masks
- Frameless for a particularly large and clear field of vision
- Flexible temples for even distribution of pressure
- Flexible nose seal lip for a secure, slip-resistant fit
- Good wearing comfort
- Very lightweight, weight: 21 g

(1) 1K

- Clear, anti-fog and anti-scratch coating

Frame colour	Lens design	Manufacturer no.	Art. No.	Pack Qty.	DKK	DKK
colourless, translucent	clear, UV protection, anti-fog, anti-scratch	141001	205C.1	1 unit	104,65	83,25

(2) 2K

- Double anti-fog and anti-scratch coating
- Rubberised temple insides for improved secure fit

Frame colour	Lens design	Manufacturer no.	Art. No.	Pack Qty.	DKK	DKK
colourless, translucent	clear, UV protection, anti-fog, anti-scratch	140001	205A.1	1 unit	128,25	102,40

**Banded ear plugs WaveBand® 2K**

Moldex.

Acc. to EN 352-2.

- Banded earplugs with anatomically adapted contour
- Freedom of movement without contact noise
- Two-component design with grip points
- Comfortable, low contact pressure (only 1.2 N)
- Feather light: only 12 g

Technical specifications:

Art. No.	XA36.1
H value	30 db
M value	23 db
L value	22 db
SNR value	27 db

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.	DKK	DKK
6800	27	XA36.1	1 unit	72,75	57,75

-20 %**Wide-vision safety goggles 601**

Univet.

Acc. to **EN 166**. Lenses made of clear acetate with anti-fog coating. Excellent resistance to chemicals and solvents. Soft and elastic, allows perfect adaptation to the face, with anatomically shaped bridge for optimum wear comfort.

- Wide and undistorted field of view
- Soft fitting, pressure-free rubber frame
- Wide, adjustable elastic head strap
- Can be worn over corrective spectacles
- Adaptor available for corrective lenses
- Weight 118 g

With indirect ventilation

Frame colour	Lens design	Art. No.	Pack Qty.	DKK	DKK
blue	clear, anti-fog	ATP1.1	1 unit	198,75	129,00

Without ventilation, gas-tight

Frame colour	Lens design	Art. No.	Pack Qty.	DKK	DKK
white	clear, anti-fog	ATP2.1	1 unit	201,00	130,15

-35 %**Cat. III****Particulate filter mask Air**

Moldex.

Acc. to EN 149:2001 + A1:2009.

Protection against dust, aerosols and fumes:

- Anatomically preformed masks - adaptable to fit different face sizes
- DuraMesh®: sturdy mask mesh keeps the mask in shape
- ActivForm®: no nose bridge required

- **Fluted filter technology: 260% more filtration area**, very low breathing resistance, high absorption capacity, long life
- All-round strap with adjustable clip for easy application, removal and adjustment
- Also available in **size S** (for small or narrow faces)

-20 %**Without Klimaventil®**

Protection level	Size	Manufacturer no.	Pack.	Art. No.	Pack Qty.	DKK	DKK
FFP2 NR D	S	3150	individual	XA28.1	10 units	241,15	192,40
FFP2 NR D	M/L	3100	individual	XA29.1	10 units	241,15	192,40
FFP3 NR D	S	3250	individual	XA30.1	10 units	515,25	411,75
FFP3 NR D	M/L	3200	individual	XA31.1	10 units	515,25	411,75

With Klimaventil®

For easy exhalation, the Klimaventil® opens at the lightest exhalation pressure and reduces heat and moisture under the mask.

Protection level	Size	Manufacturer no.	Pack.	Art. No.	Pack Qty.	DKK	DKK
FFP2 NR D	S	3155	individual	XA32.1	10 units	337,90	270,00
FFP2 NR D	M/L	3105	individual	XA33.1	10 units	337,90	270,00
FFP3 NR D	S	3255	individual	XA34.1	10 units	604,90	483,75
FFP3 NR D	M/L	3205	individual	XA35.1	10 units	604,90	483,75



-15%



Particulate filter mask Aura™ 9300+

3M.

Acc. to EN 149:2001 + A1:2009.

- Comfortable to wear thanks to soft material, low weight and flat design; does not impede speech
- Integrated nose bridge with perspiration absorbent padding
- Can be folded flat for easy carrying, individually packed
- Compatible with glasses and eye protection
- Cool-Flow exhalation valves reduce breathing resistance and prevent build-up of heat under the mask
- Without natural rubber components
- **Colour-coded straps:** FFP1 yellow, FFP2 blue, FFP3 red

Without Cool-Flow exhalation valve

Protection level	Manufacturer no.	Pack.	Art. No.	Pack Qty.	DKK	DKK
FFP1 NR D	9310+	individual	N186.1	20 units	197,65	167,65
FFP2 NR D	9320+	individual	N187.1	20 units	388,15	329,25
FFP3 NR D	9330+	individual	TY71.1	20 units	851,65	723,40

Technical specifications:

Art. No.	N186.1	N188.1	N187.1	N189.1	TY71.1	N190.1
Protection level	FFP1 NR D	FFP2 NR D	FFP2 NR D	FFP2 NR D	FFP3 NR D	FFP3 NR D
Exhalation valve	no	yes	no	yes	no	yes
Standards	EN 149:2001+A1:2009					

With Cool-Flow exhalation valve

Protection level	Manufacturer no.	Pack.	Art. No.	Pack Qty.	DKK	DKK
FFP1 NR D	9312+	individual	N188.1	10 units	130,90	110,65
FFP2 NR D	9322+	individual	N189.1	10 units	261,00	221,65
FFP3 NR D	9332+	individual	N190.1	10 units	545,25	463,15



-20 %

NEW / +

Cat. III



Chemical protection gloves Camapren® 722

KCL by Honeywell. Material: polychloroprene, natural rubber, cotton.

Acc. to EN 420, EN 388 (1111X), EN ISO 374-1/type A (AKLMOT), EN ISO 374-5 (virus). AQL 0.65.

Made of polychloroprene with natural latex layer. Profiled palms for secure grip even when handling wet, greasy and oily parts. Cotton flock lining. Sleeve with elastic cuff.

- Very high sensitivity
- Good grip on greasy and oily parts
- Highly elastic and flexible, even at low temperatures
- Comfortable to wear
- Anatomical shape enables fatigue-free work
- Total layer thickness: 0.65 mm

Resistant to diluted and semi-concentrated acids, diluted to concentrated bases, saturated saline solutions, glycol and glycerol, long-chained alcohols, vegetable and animal fats and oils. Ideal for use in the laboratory, in electroplating fields, in the chemical industry and in the automotive industry.

Length (mm)	Size	Colour	Art. No.	Pack Qty.	DKK	DKK
290–310	7	red	20E1.1	1 pair	52,50	41,65
290–310	8	red	20E2.1	1 pair	52,50	41,65
290–310	9	red	20E3.1	1 pair	52,50	41,65
290–310	10	red	20E4.1	1 pair	52,50	41,65
290–310	11	red	20E5.1	1 pair	52,50	41,65



NEW / +

Cat. III



-20 %

Chemical protection gloves SHOWA 640

SHOWA. Material: PVC, cotton.

Acc. to EN 420, EN ISO 374-1/type C (KL), EN ISO 374-5, EN 388 (3121X). AQL 0.65.

With extended cuff for arm protection. A soft inner glove made of seamless knitted cotton ensures comfort and flexibility. The double-dipped PVC coating is particularly hard-wearing.

- Protection against many chemicals
- Abrasion-resistant and hard wearing
- Special enhanced grip
- Protection of the entire arm
- Ergonomically designed
- Wall thickness: 1.10 mm

Suitable for use in laboratories and industrial settings, in painting and spray painting operations during chemical spraying processes and coating preparations, handling light chemicals in agriculture and horticulture.

Length (mm)	Size	Colour	Art. No.	Pack Qty.	DKK	DKK
600	8 (M)	orange, colourless	20A1.1	1 pair	168,00	133,90
600	9 (L)	orange, colourless	20A2.1	1 pair	168,00	133,90
600	10 (XL)	orange, colourless	20A3.1	1 pair	168,00	133,90



Cat. II



-25 %

Multi-purpose gloves SHOWA 310 Grip Green

SHOWA. Material: polyester, cotton.

Acc. to EN 420, EN 388 (2142X).

Seamless polyester/cotton knitted fabric with latex-coated palm and elasticated cuff. A flexible and robust glove offering excellent dexterity and good resistance to tearing.

- Breathable back for reduced moisture
- Suitable for use in wet and moist environments
- Surface is specially treated for a more tactile feel and better grip
- Anatomically shaped for greater freedom of movement and extra comfort during extended periods of wear
- Length 220–270 mm

Applications: farming, gardening, construction, outdoor work.

Size	Art. No.	Pack Qty.	DKK	DKK
7	CAN2.1	10 pair	322,50	241,90
8	CAN3.1	10 pair	322,50	241,90
9	CAN4.1	10 pair	322,50	241,90
10	CAN5.1	10 pair	322,50	241,90
11	CAN6.1	10 pair	322,50	241,90



NEW / +

Cat. II



-25 %

Heat-resistant gloves HOTGRIP

Material: cotton, nitrile rubber.

Acc. to EN 420, EN 388 (124XX), EN 407 (X2XXXX).

Heavy-duty seamless circular knit, double layer, gauge number 7. With blue nitrile grid on the palm and back of the hand. Elastic knitted cuff of 15 cm.

- Very comfortable to wear
- Can be worn on either hand
- Very tearproof
- Heat protection up to 250 °C contact heat
- Total length approx. 35 cm

Applications: laboratories, heating and drying ovens, metal and plastic industry, mechanical engineering and suppliers, retooling hot machines, all dry contact heat environments.

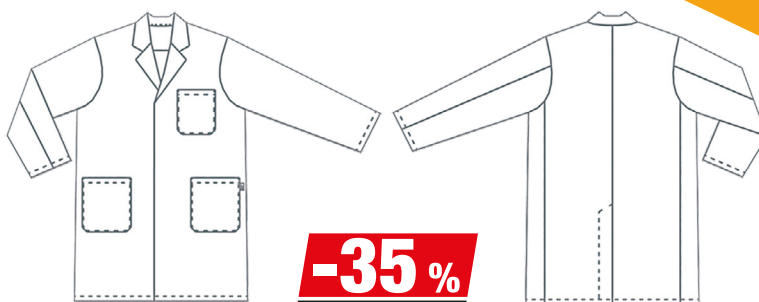
Length (mm)	Size	Colour	Art. No.	Pack Qty.	DKK	DKK
350	10	black	20KA.1	6 pair	321,75	240,75



Unisex lab coat with lapel

Bierbaum-Proenen.

Concealed buttons, long sleeve, 1 breast pocket, 2 side pockets, with a slit at the back. Length 103 cm. Öko-Tex Standard 100.



100% cotton

Fabric weight approx. 205 g/m². Easy-care, boil-proof, dry cleaning possible.

Size	Women's size	Men's size	Art. No.	Pack Qty.	DKK	DKK
XXS	–	38	ELY1.1	1 unit	364,15	236,65
XS	32/34	40/42	KT03.1	1 unit	364,15	236,65
S	36/38	44/46	KT04.1	1 unit	364,15	236,65
M	40/42	48/50	KT05.1	1 unit	364,15	236,65
L	44/46	52/54	KT06.1	1 unit	364,15	236,65
XL	48/50	56/58	KT07.1	1 unit	364,15	236,65
XXL	52/54	64/66	KT08.1	1 unit	364,15	236,65
XXXL	56/58	64/66	ELY2.1	1 unit	364,15	236,65

Made of mixed fabric of 65% polyester, 35% cotton

Fabric weight approx. 215 g/m². Robust, suitable for industrial washing.

Size	Women's size	Men's size	Art. No.	Pack Qty.	DKK	DKK
XS	32/34	40/42	ELY3.1	1 unit	322,90	209,65
S	36/38	44/46	ELY4.1	1 unit	322,90	209,65
M	40/42	48/50	ELY5.1	1 unit	322,90	209,65
L	44/46	52/54	ELY6.1	1 unit	322,90	209,65
XL	48/50	56/58	ELY7.1	1 unit	322,90	209,65
XXL	52/54	60/62	ELY8.1	1 unit	322,90	209,65



-35 %

Unisex lab coat with stand-up collar

Bierbaum-Proenen.

Concealed buttons, long sleeve, 1 breast pocket, 2 side pockets, with a slit at the back. Length 103 cm. Öko-Tex Standard 100.

100% cotton

Fabric weight approx. 205 g/m². Easy-care, boil-proof, dry cleaning possible.

Size	Women's size	Men's size	Art. No.	Pack Qty.	DKK	DKK
XXS	–	38	ELY9.1	1 unit	364,15	236,65
XS	32/34	40/42	ENA0.1	1 unit	364,15	236,65
S	36/38	44/46	ENA1.1	1 unit	364,15	236,65
M	40/42	48/50	ENA2.1	1 unit	364,15	236,65
L	44/46	52/54	ENA3.1	1 unit	364,15	236,65
XL	48/50	56/58	ENA4.1	1 unit	364,15	236,65
XXL	52/54	60/62	ENA5.1	1 unit	364,15	236,65
XXXL	56/58	64/66	ENA6.1	1 unit	364,15	236,65

Made of mixed fabric of 65% polyester, 35% cotton

Fabric weight approx. 215 g/m². Robust, suitable for industrial washing.

Size	Women's size	Men's size	Art. No.	Pack Qty.	DKK	DKK
XS	32/34	40/42	ENA7.1	1 unit	322,90	209,65
S	36/38	44/46	ENA8.1	1 unit	322,90	209,65
M	40/42	48/50	ENA9.1	1 unit	322,90	209,65
L	44/46	52/54	ENC0.1	1 unit	322,90	209,65
XL	48/50	56/58	ENC1.1	1 unit	322,90	209,65
XXL	52/54	60/62	ENC2.1	1 unit	322,90	209,65



-10 %

Wall holder BODE

BODE Chemie. Material: plastic.

Stable and robust, for hand sanitiser, washing and body lotion bottles or tissue containers. Easy attachment and cleaning. Resistant to hand sanitisers.

Delivery incl. mounting material, without bottle/tin and metering pump (please order separately).

Suitable for	Art. No.	Pack Qty.	DKK	DKK
500 ml Euro bottles	1T7N.1	2 units	119,65	107,25
1000 ml Euro bottles and tins	1T7P.1	2 units	133,15	119,65



-30 %

Radiation protection shield SEKUROKA® bent

Carl ROTH. Material: PMMA, transparent.

Made of transparent acrylic glass, for working with radio isotopic solutions that emit beta-radiation, e.g. ^{32}P , ^{14}C or ^{35}S . With chamfered front section and rounded-off edges. Stability ensured by four rubber studs on the base plate. Bent from a single piece.

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	DKK	DKK
β radiation	350 x 300 x 500	10	9764.1	1 unit	1322,25	925,50



①



②

-25 %

NEW / +

Hand cleansing, wet wipes plum wipes

Plum.

Gently and effectively remove all types of stains during everyday work. The PP wet wipes absorb and retain the dirt. They can be used multiple times, including for cleaning work materials or tools. Slightly scented and moisturising, due to the addition of glycerine.

(1) All-purpose

All-purpose wipes with a wide range of applications, for removing slight to medium stains.

Pack.	Art. No.	Pack Qty.	DKK	DKK
Dispenser with 100 wipes	CK45.2	1 unit	140,65	105,00

(2) Heavy-duty

With extra exfoliating power for removing stubborn, heavy stains, such as oils, grease and lubricants.

Pack.	Art. No.	Pack Qty.	DKK	DKK
Dispenser with 50 wipes	CK46.3	1 unit	105,00	78,40



-30 %

Safety can Poly Can

JUSTRITE. Material: HDPE, stainless steel lid and flame protection.

- Safe storage and distribution of flammable fluids
- Extra-strong walls make this container extremely robust
- Self-closing lid
- Operation via lever on handle
- Automatic pressure compensation
- **Carbon Insert** – a patented system connects the flame protection on the inside with the earth connection on the outside
- Can be earthed using an earthing cable
- Space-saving, oval shape

Vol. (l)	L x W x H (mm)	Colour	Art. No.	Pack Qty.	DKK	DKK
2	194 x 117 x 241	red	HNP1.1	1 unit	1040,25	727,90
4	194 x 117 x 324	red	HNP2.1	1 unit	1120,90	784,50



-20 %



NEW / + **A 121 °C**

Table stand for waste bags

Ratiolab. Material: stainless steel. Autoclavable: yes.

Delivery without disposal bags.

Suitable for	Art. No.	Pack Qty.	DKK	DKK
Disposal bags, 200 x 300 mm	20EL.1	1 unit	149,25	119,25

-20 %



NEW / +

Table stand for waste bags with tilting base

Ratiolab. Material: metal (wire), plastic coated.

Delivery without disposal bags.

Suitable for	Art. No.	Pack Qty.	DKK	DKK
Disposal bags, 200 x 300 mm	20EN.1	1 unit	100,90	80,65

-30 %



Disposal bags SEKUROKA®

Carl ROTH.

For collecting laboratory waste, such as used pipette tips, test tubes, sample bottles.

Made of PP, 40 µm

Material: PP. Autoclavable: yes. Leave the bag open during autoclaving. 100 pieces in the dispenser.

W x L (mm)	Pack.	Art. No.	Pack Qty.	DKK	DKK
200 x 300	1 x 100 pieces	E706.1	100 units	89,65	62,25

Made of PE, 30 µm

Material: PE. Autoclavable: no.

100 pieces, tear-off perforated, on a roll.

W x L (mm)	Pack.	Art. No.	Pack Qty.	DKK	DKK
200 x 300	5 x 100 pieces	H736.1	500 units	265,50	185,25



A 121 °C



HPLC screw cap b.safe Waste Cap GL 45

Bohlender. Material: PPS, PTFE, PFA. Autoclavable: yes.

Screw cap made of PPS for GL 45 threads with freely rotating distributor element made of PTFE. Available with 3, 2 or 4 capillary connections with UNF 1/4" 28G internal thread for connecting PFA fittings for Ø capillary hoses (external Ø 1.6 mm (green)/2.2 mm (purple)/3.2 mm (yellow)). With PFA dummy stopper (white) to seal capillary connections that are not needed. Depending on the version, with 1 x hose connector (NPT 1/8" thread) for hose internal Ø 5.5-8 mm. 1 x connection (GL 14 thread) to screw in a b.safe exhaust air filter.

Temperature resistance: -20 to +200 °C.

- For safe disposal of waste solvents without leaks of harmful solvent vapours
- Freely rotating distributor bodies, prevents the hoses twisting when replacing the collecting bottle
- Using the fittings, hoses can be easily introduced into the collecting container; conical nipple clamps the hose and reliably seals at the connection
- Large quantities of fluid can optionally be disposed of by connecting hoses with internal Ø 5.5-8 mm, via the hose connectors
- Suitable exhaust air filter available as an option; its activated carbon filling binds harmful solvent vapours

Accessories exhaust air filter for b.safe Waste Cap HPLC screw cap

Bohlender. Material: PP, PE and activated carbon.

Filter housing made of PP with connection (GL 14 thread) suitable for b.safe Waste Cap HPLC screw caps. Lid with integrated splash-proof ventilation openings and change indicator with labelling area for monitoring service life. The activated carbon filling is protected with two filter membranes made of porous PE. The exhaust air can circulate unobstructed around the activated carbon at the same time, so that the solvent components are reliably absorbed by the activated carbon and only filtered exhaust air escapes into the surrounding area via the ventilation openings. Temperature resistance: 0 to +110 °C.

Small

Service life three months, for up to five litres of capacity.

Thread	Art. No.	Pack Qty.	DKK	DKK
GL 14	1HX5.1	2 units	679,15	571,50

Medium

Service life six months, for up to 5-10 litres of capacity.

Thread	Art. No.	Pack Qty.	DKK	DKK
GL 14	1HX6.1	2 units	1123,15	954,40

-15%

Type A: 3 x capillary connection (UNF 1/4" 28G), 1 x exhaust air filter connection (GL 14)

Delivery incl. PFA fittings: 3 x 1.6 mm, 3 x 2.2 mm, 3 x 3.2, 2 x PFA dummy stopper. **Delivery without** exhaust air filter, please order separately.

Version	Number of connections	For hoses with outer Ø (mm)	Art. No.	Pack Qty.	DKK	DKK
Without hose connector	3	1.6 mm/2.2 mm/3.2 mm	1HT3.1	1 unit	573,49	486,75

Type B: 2 x capillary connection (UNF 1/4" 28G), 1 x hose connector (NPT 1/8"), 1 x exhaust air filter connection (GL 14)

Delivery incl. PFA fittings: 2 x 1.6 mm, 2 x 2.2 mm, 2 x 3.2 mm, 1 x hose connector (NPT 1/8") 2 x PFA dummy stopper.

Delivery without exhaust air filter, please order separately.

Version	Number of connections	For hoses with outer Ø (mm)	Art. No.	Pack Qty.	DKK	DKK
With hose connector (Ø 5.5-8 mm)	2	1.6 mm/2.2 mm/3.2 mm	1HT4.1	1 unit	595,59	429,75

Type C: 4 x capillary connection (UNF 1/4" 28G), 1 x hose connector (NPT 1/8"), 1 x exhaust air filter connection (GL 14)

Delivery incl. PFA fittings: 4 x 1.6 mm, 4 x 2.2 mm, 4 x 3.2 mm, 1 x hose connector (NPT 1/8"), 3 x PFA dummy stopper.

Delivery without exhaust air filter, please order separately.

Version	Number of connections	For hoses with outer Ø (mm)	Art. No.	Pack Qty.	DKK	DKK
With hose connector (Ø 5.5-8 mm)	4	1.6 mm/2.2 mm/3.2 mm	1HT5.1	1 unit	764,65	649,15

-15%



Large

Service life six months, for more than 10 litres of capacity.

Thread	Art. No.	Pack Qty.	DKK	DKK
GL 14	1HX7.1	2 units	1451,25	1233,40



-20%

NEW/+

Two-component embedding medium

KLEIBERIT.

High-temperature-resistant two-component investment material with an inorganic base, cold- or heat-curing. Good adhesion to metal, glass, ceramic and porcelain. Temperature stable up to +950 °C. Resistant to many solvents, acids, oil and water. High electrical resistance when warm. **Alternative to Thermoguss 2000.**

For embedding:

- Heating elements
- Resistance wires
- Temperature gauges

Directions for use

Components A (powder) and B (liquid) are mixed in a ratio of 2:1 by weight. Curing takes place after approx. 24 hours at room temperature.

KLEIBERIT® 884.3 component A (powder)



Warning H302+H312+H332-H373

Packaging type	Art. No.	Pack Qty.	DKK	DKK
can	20YP.1	2 kg	1209,90	966,40

Technical specifications:

Art. No.	20YP.1	20YT.1
Temp. stability	to +950 °C	

KLEIBERIT® 884.4 component B (liquid)

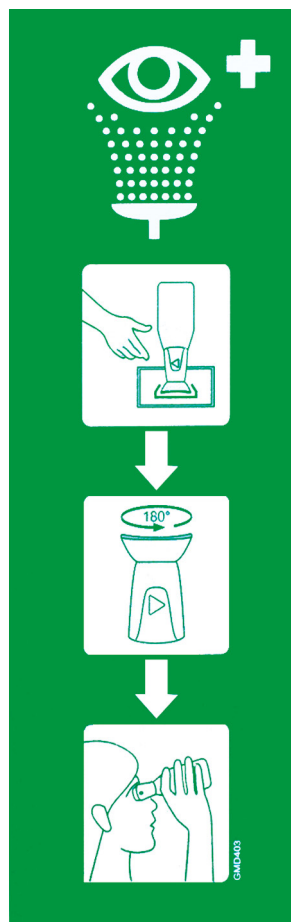


Warning H315-H319

Packaging type	Art. No.	Pack Qty.	DKK	DKK
bottle	20YT.1	1 kg	644,25	514,90



-35%



Eye wash station Actiomedic® Single

GRAMM medical healthcare.

- For wall installation at easily visible and easily reachable places
- Fast and easy to handle
- With mirror and pictograms

Contents: one eye wash bottle, ready-to-use and sterile with ergonomic spray head.

- 1 x 500 ml sodium chloride solution for washing foreign particles (1K11.1)

Note: disposable eye wash bottles acc. to DIN EN 15154-4 may only be used in addition to existing eye shower units acc. to DIN EN 15154-2 if no running potable water or water of equivalent quality is available.

Technical specifications:

Art. No.	1K14.1
Rinsing solution	NaCl 0.9%
Vol.	500 ml
W x D x H	200 x 80 x 300 mm

Delivery incl. eye emergency plan, holder and mounting material.

Vol. (ml)	Art. No.	Pack Qty.	DKK	DKK
500	1K14.1	1 unit	281,65	182,65

FRISENETTE



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