Labortops 2/2023

LABORTOPS

valid until 30.06.2023

LLG Laboratory Glassware Assortment

- **New Assortment**
- **Broad Range**
- **Boro 3.3 Glass**

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NEW

LLG LABWARE

LLG-Measuring cylinders, borosilicate glass 3.3, tall form, class A

Tall form. Calibrated to contain IN.
Conformity certified with batch ID.

- DIN ISO 4788
- With hexagonal base and spout
- Blue graduation

-25%

Capacity	Graduation	Tolerance	PK	Cat. No.	Price	Now
ml		± ml			EUR	EUR
5	0.1	0.05	2	4.686 202	~~19,00~~	**14,25**
10	0.2	0.10	2	4.686 203	~~19,00~~	**14,25**
25	0.5	0.25	2	4.686 204	~~20,20~~	**15,15**
50	1.0	0.50	2	4.686 205	~~21,60~~	**16,20**
100	1.0	0.50	2	4.686 206	~~25,80~~	**19,35**
250	2.0	1.00	2	4.686 207	~~41,40~~	**31,05**
500	5.0	2.50	2	4.686 208	~~57,20~~	**42,90**
1000	10.0	5.00	1	4.686 209	~~37,00~~	**27,75**
2000	20.0	10.00	1	4.686 210	~~62,80~~	**47,10**

LLG-Measuring cylinders, borosilicate glass 3.3, low form, class B

Low form. Calibrated to contain IN.

- DIN ISO 4788
- With hexagonal base and spout
- Amber graduation

-25%

Capacity	Graduation	Tolerance	PK	Cat. No.	Price	Now
ml		± ml			EUR	EUR
10	1.0	0.30	2	4.686 211	~~13,30~~	**9,98**
25	1.0	0.50	2	4.686 212	~~13,90~~	**10,43**
50	2.0	1.00	2	4.686 213	~~16,40~~	**12,30**
100	2.0	1.00	2	4.686 214	~~22,60~~	**16,95**
250	5.0	2.00	2	4.686 215	~~29,90~~	**22,43**
500	10.0	5.00	2	4.686 216	~~54,10~~	**40,58**
1000	20.0	10.00	1	4.686 217	~~39,90~~	**29,93**

LLG-Mixing cylinders, borosilicate glass 3.3, tall form, class A

Tall form. Conformity certified with batch ID.

- DIN ISO 4788
- With hexagonal base and PE stopper
- Blue graduation

-25%

Capacity	Graduation	Tolerance	Ground size	PK	Cat. No.	Price	Now
ml		± ml	NS			EUR	EUR
10	0.2	0.10	10/19	2	4.686 218	~~29,50~~	**22,13**
25	0.5	0.25	14/23	2	4.686 219	~~31,10~~	**23,33**
50	1.0	0.50	19/26	2	4.686 220	~~35,40~~	**26,55**
100	1.0	0.50	24/29	2	4.686 221	~~40,70~~	**30,53**
250	2.0	1.00	29/32	2	4.686 222	~~59,80~~	**44,85**
500	5.0	2.50	34/35	2	4.686 223	~~84,10~~	**63,08**
1000	10.0	5.00	45/40	1	4.686 224	~~74,90~~	**56,18**

LLG-Volumetric flasks, borosilicate glass 3.3, class A

Conformity certified with batch ID.

- DIN ISO 1042
- With standard ground joint and PE stopper
- Blue ring mark and inscription

-30%

Capacity	Tolerance	Ground size	PK	Cat. No.	Price	Now
ml	± ml	NS			EUR	EUR
5	0.040	10/19	2	4.686 232	~~21,20~~	**14,84**
10	0.040	10/19	2	4.686 233	~~20,60~~	**14,42**
20	0.040	10/19	2	4.686 234	~~21,40~~	**14,98**
25	0.040	10/19	2	4.686 235	~~21,50~~	**15,05**
25	0.040	12/21	2	4.686 236	~~23,50~~	**16,45**
50	0.060	12/21	2	4.686 238	~~24,00~~	**16,80**
50	0.100	14/23	2	4.686 237	~~26,90~~	**18,83**
100	0.100	12/21	2	4.686 239	~~29,20~~	**20,44**
100	0.100	14/23	2	4.686 240	~~27,30~~	**19,11**
200	0.150	14/23	2	4.686 241	~~34,50~~	**24,15**
250	0.150	14/23	2	4.686 242	~~34,90~~	**24,43**
500	0.250	19/26	2	4.686 243	~~46,40~~	**32,48**
1000	0.400	24/29	1	4.686 244	~~35,00~~	**24,50**
2000	0.600	29/32	1	4.686 245	~~49,10~~	**34,37**

LLG-Volumetric flasks, borosilicate glass 3.3, class A, amber glass

Conformity certified with batch ID.

- DIN ISO 1042
- With standard ground joint and PE stopper
- White ring mark and inscription

-30%

Capacity	Tolerance	Ground size	PK	Cat. No.	Price	Now
ml	± ml	NS			EUR	EUR
5	0.040	10/19	2	4.686 246	~~24,80~~	**17,36**
10	0.040	10/19	2	4.686 247	~~24,80~~	**17,36**
20	0.040	10/19	2	4.686 248	~~26,50~~	**18,55**
25	0.040	10/19	2	4.686 249	~~26,50~~	**18,55**
50	0.100	14/23	2	4.686 250	~~34,90~~	**24,43**
100	0.100	14/23	2	4.686 251	~~39,60~~	**27,72**
200	0.150	14/23	2	4.686 252	~~52,50~~	**36,75**
250	0.150	14/23	2	4.686 253	~~52,50~~	**36,75**
500	0.250	19/26	2	4.686 254	~~88,10~~	**61,67**
1000	0.400	24/29	1	4.686 255	~~68,20~~	**47,74**

LLG-Volumetric trapezoidal flasks, borosilicate glass 3.3, class A

Trapezoidal shape. Conformity certified with batch ID.

- DIN ISO
- With standard ground joint and PE stopper
- Blue ring mark and inscription

-30%

Capacity	Ground size	PK	Cat. No.	Price	Now
ml	NS			EUR	EUR
1	7/16	2	4.686 225	~~27,70~~	**19,39**
2	7/16	2	4.686 226	~~27,70~~	**19,39**
3	7/16	2	4.686 227	~~27,70~~	**19,39**
4	7/16	2	4.686 228	~~27,70~~	**19,39**
10	10/19	2	4.686 229	~~28,40~~	**19,88**
20	10/19	2	4.686 230	~~34,70~~	**24,29**
25	10/19	2	4.686 231	~~34,70~~	**24,29**

NEW

LLG-Erlenmeyer flasks with standard ground joint, borosilicate glass 3.3

Ideal for mixing liquids. With standard ground joint and white graduation. Acc. to ISO 4797.

-30%

Capacity	Ground size	Height	PK	Cat. No.	Price	Now
ml	NS	mm			EUR	EUR
50	14/23	85	2	4.686 106	~~14,40~~	**10,08**
50	19/26	85	2	4.686 107	~~14,80~~	**10,36**
50	29/32*	85	2	4.686 108	~~15,50~~	**10,85**
100	14/23	100	2	4.686 109	~~15,30~~	**10,71**
100	19/26	100	2	4.686 110	~~16,50~~	**11,55**
100	29/32	100	2	4.686 111	~~15,70~~	**10,99**
250	19/26	140	2	4.686 112	~~21,30~~	**14,91**
250	24/29	140	2	4.686 113	~~21,80~~	**15,26**
250	29/32	140	2	4.686 114	~~17,10~~	**11,97**
300	29/32*	156	2	4.686 115	~~19,70~~	**13,79**
500	29/32	175	2	4.686 116	~~22,30~~	**15,61**
1000	29/32	220	1	4.686 117	~~20,60~~	**14,42**
2000	29/32	270	1	4.686 118	~~44,40~~	**31,08**

* without DIN.

LLG-Erlenmeyer flasks, borosilicate glass 3.3, with screw cap

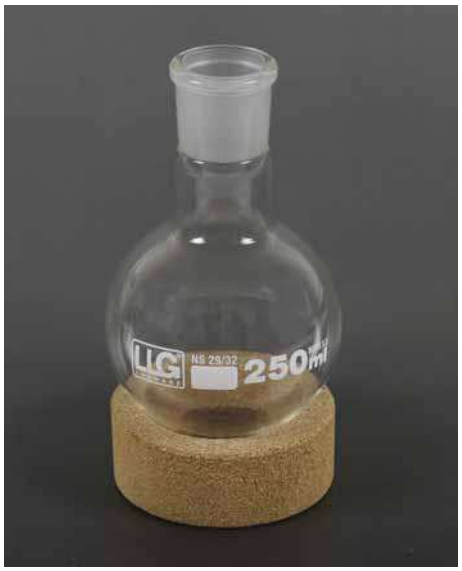
Erlenmeyer flasks made of borosilicate glass 3.3, screw cap with PTFE liner.

- White graduation and labelling field
- Thread GL 32

-30%

Capacity	PK	Cat. No.	Price	Now
ml			EUR	EUR
100	2	4.686 198	~~15,40~~	**10,78**
250	2	4.686 199	~~20,70~~	**14,49**
500	2	4.686 200	~~23,30~~	**16,31**
1000	1	4.686 201	~~39,60~~	**27,72**

LLG-Round bottom flasks with standard ground joint, borosilicate glass 3.3



With standard ground joint and white inscription. Acc. to DIN ISO 4797.

-30%

Capacity	Ground size	Height	PK	Cat. No.	Price	Now
ml	NS	mm			EUR	EUR
50	14/23	90	2	4.686 126	~~12,70~~	**8,89**
50	19/26	90	2	4.686 127	~~12,70~~	**8,89**
50	24/29	90	2	4.686 128	~~13,30~~	**9,31**
50	29/32	90	2	4.686 129	~~13,30~~	**9,31**
100	14/23	105	2	4.686 130	~~12,80~~	**8,96**
100	19/26	105	2	4.686 131	~~12,80~~	**8,96**
100	24/29	105	2	4.686 132	~~13,80~~	**9,66**
100	29/32	105	2	4.686 133	~~13,80~~	**9,66**
250	19/26	140	2	4.686 136	~~18,40~~	**12,88**
250	24/29	140	2	4.686 135	~~18,40~~	**12,88**
250	29/32	140	2	4.686 134	~~15,90~~	**11,13**
500	24/29	163	2	4.686 137	~~26,30~~	**18,41**
500	29/32	163	2	4.686 138	~~24,50~~	**17,15**
500	45/40*	163	2	4.686 139	~~39,00~~	**27,30**
1000	24/29	200	1	4.686 140	~~18,00~~	**12,60**
1000	29/32	200	1	4.686 141	~~18,00~~	**12,60**
1000	45/40*	200	1	4.686 142	~~28,20~~	**19,74**
2000	29/32	240	1	4.686 143	~~32,30~~	**22,61**
2000	45/40*	240	1	4.686 144	~~45,30~~	**31,71**

* without DIN.

LLG-Hexagonal hollow stoppers, borosilicate glass 3.3, pointed

Acc. to DIN 12252.

-25%

Ground size	PK	Cat. No.	Price	Now
NS			EUR	EUR
10/19	5	4.686 100	~~8,60~~	**6,45**
12/21	5	4.686 101	~~8,60~~	**6,45**
14/23	5	4.686 102	~~9,40~~	**7,05**
19/26	5	4.686 103	~~12,20~~	**9,15**
24/29	5	4.686 104	~~16,80~~	**12,60**
29/32	5	4.686 105	~~23,60~~	**17,70**

Laboratory Trolley clax Mobil comfort with Box

Made in Germany

Bestseller

Stable, multi-use trolley with parking brake.
Push-button collapsing/unfolding.
Made in Germany.

You can find an additional folding box (9.148 099) in our online shop.

Load capacity

Total:	60 kg
Upper shelf:	20 kg
Lower shelf:	40 kg
Dimensions and weight	
unfolded (L x W x H):	900 x 580 x 1020 mm
collapsed (L x W x H):	710 x 550 x 190 mm
Weight without box:	6.9 kg
Folding box dimensions	
Inner dimensions (W x D x H):	335 x 495 x 258 mm
Outer dimensions (W x D x H):	350 x 500 x 260 mm

-30%

Type	PK	Cat. No.	Price	Now
			EUR	EUR
Laboratory Trolley clax Mobil comfort, incl. 1 clax folding box, 46 litres	1	9.148 100	~~261,90~~	**183,33**

Trays and bowls, PS

Kartell

Suitable for foodstuffs and general laboratory use. High impact polystyrene.

-25%

Width	Depth	Height	Internal dimensions (W x D x H)	PK	Cat. No.	Price	Now
mm	mm	mm	mm			EUR	EUR
254	254	21	220 x 220 x 10	1	6.206 152	~~17,30~~	**12,98**
303	151	42	260 x 110 x 30	1	6.225 054	~~15,20~~	**11,40**
353	253	41	310 x 210 x 30	1	6.225 055	~~24,10~~	**18,08**
352	252	81	290 x 190 x 70	1	6.227 810	~~34,10~~	**25,58**
408	300	21	380 x 270 x 10	1	6.205 063	~~32,20~~	**24,15**
409	300	42	360 x 250 x 30	1	6.224 951	~~32,20~~	**24,15**
408	299	81	340 x 240 x 70	1	6.227 811	~~35,10~~	**26,33**

Beakers glass, DURAN®, low form

DURAN WHEATON KIMBLE
Excellence in your hands

DIN 12331. ISO 3819.
With approximate graduations and spout.

-30%

Nominal capacity	Diam.	Height	PK	Cat. No.	Price	Now
ml	mm	mm			EUR	EUR
25	34	50	10	9.013 014	~~95,50~~	**66,85**
50	42	60	10	9.013 017	~~91,50~~	**64,05**
100	50	70	10	9.013 024	~~90,50~~	**63,35**
150	60	80	10	9.013 029	~~95,50~~	**66,85**
250	70	95	10	9.013 036	~~98,50~~	**68,95**
400	80	110	10	9.013 041	~~118,00~~	**82,60**
600	90	125	10	9.013 048	~~132,00~~	**92,40**
800	100	135	10	9.013 053	~~183,00~~	**128,10**
1000	105	145	10	9.013 054	~~210,00~~	**147,00**
2000	132	185	10	9.013 063	~~340,00~~	**238,00**

Microtube Storage Boxes, PP, 50-/100-Well

A 121 °C

Heathrow Scientific
design | function | innovation

Autoclavable. Compact storage box has angled front slot for easy access to tubes. Holds 1.5 to 2.0 ml microtubes. Resist storage temperatures from -80 to 121 °C. Set*: blue, green, purple, yellow, orange.

-25%

Colour	Dimensions (l x w x h)	Array	PK	Cat. No.	Price	Now
	mm				EUR	EUR
Set*	141 x 92 x 56	50	5	9.193 985	~~35,80~~	**26,85**
Set*	141 x 151 x 57	100	5	9.193 981	~~82,40~~	**61,80**
natural	141 x 151 x 57	100	1	6.206 710	~~16,50~~	**12,38**

You can find our complete range on our website.

Laboratory bottles, DURAN®, with retrace code, with screw cap

With blue PP screw cap and pouring ring.

-25%

Capacity	Diam.	Height with cap	Neck thread	PK	Cat. No.	Price	Now
ml	mm	mm	GL			EUR	EUR
25 *	36	74	25	10	4.679 006	~~91,00~~	**68,25**
50	46	91	32	10	4.679 003	~~96,50~~	**72,38**
100	56	105	45	10	4.679 004	~~83,00~~	**62,25**
250	70	143	45	10	4.679 005	~~93,00~~	**69,75**
500	86	181	45	10	4.679 007	~~116,00~~	**87,00**
1000	101	230	45	10	4.679 010	~~164,00~~	**123,00**
2000	136	265	45	10	4.679 008	~~385,00~~	**288,75**

*With specially shaped glass edge for improved pouring out (so that an additional plastic pouring ring is not required).

LLG-Bottles, wide mouth, HDPE

Suitable for food. With carrying handle. Very strong and durable quality for extended use over time. The bottles can be used by temperature from -40 to +80 °C. Please use only in upright position.

-25%

Capacity	Neck Int. diam.	Neck Ext. diam.	Body diam.	Height	PK	Cat. No.	Price	Now
Litres	mm	mm	mm	mm			EUR	EUR
5	84	94	170	350	1	9.139 938	~~29,90~~	**22,43**
10	99	109	210	420	1	9.139 939	~~40,60~~	**30,45**

Wide-Mouth Bottles Nalgene™, HDPE with screw cap, PP

Translucent. Suitable for shipping liquids. Leakproof.

-10%

Capacity	Cover type	PK	Cat. No.	Price	Now
ml	mm			EUR	EUR
30	28	12	9.103 221	~~13,20~~	**11,88**
60	28	12	9.103 222	~~16,20~~	**14,58**
125	38	12	9.103 223	~~22,20~~	**19,98**
250	43	12	9.103 224	~~28,20~~	**25,38**
500	53	12	9.103 225	~~46,20~~	**41,58**
1000	63	6	9.103 226	~~29,70~~	**26,73**

LLG-Wide-mouth bottles, with screw cap, LDPE

Natural, translucent. Thick-walled.

-25%

Capacity	Diam.	Thread external diam.	Height	PK	Cat. No.	Price	Now
ml	mm	mm	mm			EUR	EUR
50	39	32	76.0	50	9.073 510	~~48,40~~	**36,30**
100	48	32	93.5	20	9.073 511	~~23,90~~	**17,93**
250	64	40	120.0	10	9.073 512	~~17,00~~	**12,75**
500	77	50	154.0	10	9.073 513	~~27,40~~	**20,55**
1000	95	65	205.0	4	9.073 514	~~17,80~~	**13,35**

Calibrating standards TOC

Total Organic Carbon (TOC) standards are suitable for calibrating of TOC analysers to a high accuracy. These standards are independent, traceable and certified.

-10%

Concentration	Accuracy	Package	PK	Cat. No.	Price	Now
	(±)				EUR	EUR
5 ppm	5 %	amber glass bottle	1	6.235 803	~~103,50~~	**93,15**
10 ppm	5 %	amber glass bottle	1	4.012 105	~~103,50~~	**93,15**
15 ppm	5 %	amber glass bottle	1	6.268 502	~~103,50~~	**93,15**
20 ppm	5 %	amber glass bottle	1	4.012 106	~~139,70~~	**125,73**
25 ppm	5 %	amber glass bottle	1	6.317 555	~~139,70~~	**125,73**
30 ppm	5 %	amber glass bottle	1	6.268 503	~~191,40~~	**172,26**
50 ppm	5 %	amber glass bottle	1	6.235 238	~~103,50~~	**93,15**
100 ppm	1 %	HDPE twin neck bottle	1	4.012 107	~~103,50~~	**93,15**
250 ppm	1 %	HDPE twin neck bottle	1	4.012 108	~~103,50~~	**93,15**
500 ppm	1 %	HDPE twin neck bottle	1	6.210 157	~~103,50~~	**93,15**
750 ppm	0.5 %	HDPE twin neck bottle	1	6.268 501	~~208,30~~	**187,47**
1000 ppm	0.5 %	HDPE twin neck bottle	1	6.231 121	~~139,70~~	**125,73**
2000 ppm	0.5 %	HDPE twin neck bottle	1	6.253 516	~~103,50~~	**93,15**
5000 ppm	0.5 %	HDPE twin neck bottle	1	6.312 855	~~191,40~~	**172,26**

Osmolality standards

Osmolality Standards for calibration and control, compatible with all types of osmometers. ISO 17025 certified. Values from 100 to 700 mOsmol/kg H_2O according to European Pharmacopoeia 2.2.35 and US Pharmacopeia 785. 12 ampoules of 5 ml each.

-10%

Type	Description	PK	Cat. No.	Price	Now
				EUR	EUR
RE-OSM-50	50 mOsmol/kg H_2O	12	6.286 326	~~144,20~~	**129,78**
RE-OSM-100	100 mOsmol/kg H_2O	12	6.286 324	~~144,20~~	**129,78**
RE-OSM-200	200 mOsmol/kg H_2O	12	6.286 325	~~144,20~~	**129,78**
RE-OSM-290	290 mOsmol/kg H_2O	12	6.280 786	~~144,20~~	**129,78**
RE-OSM-300	300 mOsmol/kg H_2O	12	6.284 310	~~144,20~~	**129,78**
RE-OSM-400	400 mOsmol/kg H_2O	12	7.970 554	~~144,20~~	**129,78**
RE-OSM-500	500 mOsmol/kg H_2O	12	6.270 201	~~144,20~~	**129,78**
RE-OSM-600	600 mOsmol/kg H_2O	12	6.286 327	~~144,20~~	**129,78**
RE-OSM-700	700 mOsmol/kg H_2O	12	6.286 328	~~144,20~~	**129,78**
RE-OSM-900	900 mOsmol/kg H_2O	12	6.286 335	~~144,20~~	**129,78**

Sucrose (Brix) Standards

Certified stabilized Sucrose (Brix) Standards.

- ISO 17025 accredited
- Uncertainty of measurement of 0.11 % for all Brix values at 20 °C
- Compatible with any brand of Refractometer
- 12 month shelf life
- Provided in high quality HDPE 15 ml dropper bottles

-10%

Brix	Refractive Index at 20 °C	PK	Cat. No.	Price	Now
%				EUR	EUR
0	1.332986 nD	1	6.264 212	~~85,30~~	**76,77**
5	1.340264 nD	1	6.265 876	~~85,30~~	**76,77**
10	1.347824 nD	1	6.257 923	~~85,30~~	**76,77**
15	1.355679 nD	1	6.263 260	~~85,30~~	**76,77**
20	1.363842 nD	1	6.264 889	~~85,30~~	**76,77**
30	1.381149 nD	1	6.258 368	~~85,30~~	**76,77**
40	1.399860 nD	1	7.660 408	~~85,30~~	**76,77**
50	1.420087 nD	1	6.258 369	~~85,30~~	**76,77**
60	1.441928 nD	1	6.265 875	~~85,30~~	**76,77**

Standards for density, kinematic and dynamic viscosity

To calibrate, control or validate all types of viscometers including capillary, flow cup, rotational, falling ball, falling/rising object, stabinger and vibrational viscometers. Tested and certified according to ASTM method D 2162, ASTM method D4052 and ISO 17025 (INAB Ref. 264T).

- Usable for fluids up to 100 °C
- In 500 ml glass bottle

-10%

Type	Density at 20 °C	Kinematic viscosity at 20 °C	Dynamic viscosity at 20 °C	PK	Cat. No.	Price	Now
						EUR	EUR
N10	0.84	22.00	18.00	1	4.675 405	~~232,30~~	**209,07**
N100	0.87	320.00	280.00	1	4.675 406	~~232,30~~	**209,07**
N250	0.84	790.00	660.00	1	4.675 407	~~232,30~~	**209,07**
N35	0.87	88.00	76.00	1	4.675 408	~~232,30~~	**209,07**
N75	0.83	210.00	170.00	1	4.675 409	~~127,60~~	**114,84**
S20	0.84	43.00	36.00	1	4.675 410	~~127,60~~	**114,84**
S200	0.84	540.00	460.00	1	4.675 411	~~127,60~~	**114,84**
S60	0.86	160.00	140.00	1	4.675 414	~~127,60~~	**114,84**

Melting point apparatus MP-250

Cole-Parmer
an antylia scientific company

Temperature Resolution 0.1 °C

The melting point apparatus can be used to determine the melting point of up to 3 samples simultaneously.

- Viewing head with 8x wide-angle magnifier and adjustable focus
- Audible signal when the set oven temperature is reached

Electrothermal Melting point apparatus MP-250D-F
- 2 fixed ramp rates
- Storage of up to four melt temperatures in the temporary memory

Electrothermal Melting point apparatus MP-250D-P
- Ramp rate individually adjustable
- Batch memory for up to 1000 melting point determinations with date, time, and batch number

Scope of supply: Melting point apparatus, lens hood, power supply with EU, UK, and US plug, 100 melting point tubes

Specifications

Temperature range:	Ambient + 5 ... 400 °C
Resolution:	0.1 °C
Chamber illumination:	3 x white Super Flux LED's
Illuminous intensity (per LED):	3500 Lux
Ramp rates:	1.0 °C/min or 10.0 °C/min
Capillary diameter:	2 mm
Dimensions (W x D x H):	200 x 355 x 80 mm
Power supply:	100 ... 240 V, 50/60 Hz

-5%

Type	PK	Cat. No.	Price EUR	Now EUR
MP-250D-F	1	9.830 441	~~1.611,10~~	**1.530,55**
MP-250D-P	1	9.830 442	~~1.912,40~~	**1.816,78**

Density meters Densito/DensitoPro

METTLER TOLEDO

- **Fast and Accurate**
- **For Routine Measurements**

Robust density meters for mobile use with easy handling and user guidance.

DensitoPro equipped with RFID and barcode reader for rapid and reliable tracing of samples.

- Automatic sampling pump
- Available measurement scales: API, °Baumé, Brix, density, Ethanol, H_2SO_4, proof (US and IP), °Plato, specific gravity, user-defined concentration
- Automatic temperature compensation
- Backlit measuring cell

Specifications

Density range:	0 ... 3 g/cm³
Resolution:	0.0001 g/cm³
Accuracy:	±0.001 g/cm³
Sample temperature range:	0 ... 50 °C
Resolution.	0.1 °C
Accuracy:	±0.2 °C
Sample volume:	2 ml
Memory:	1100 samples
Display:	2.4" colour display, backlit
Interfaces:	USB-A, USB-C
Power supply:	Rechargeable Li-Ion batteries

-12%

Type	PK	Cat. No.	Price EUR	Now EUR
Densito	1	6.291 652	~~2.910,00~~	**2.560,80**
DensitoPro with RFID and barcode reader	1	6.291 653	~~3.255,00~~	**2.864,40**

Shore Hardness Testers, Digital, HD

SAUTER

Compact handheld durometer for plastics with digital display.

- Large display with backlight
- Delivered in a hard carrying case

Shore A for soft plastics, felt, leather and similar materials
Shore A0 for foams, sponges
Shore D for plastics, synthetic resin, Resopal®, epoxides, Plexiglas® etc.

Shore D Shore A0 Shore A

Specifications

Precision:	1 % of max. measuring value
Dimensions (W x D x H):	162 x 65 x 38 mm
Net weight:	173 g

-20%

Type	Measuring range HS	Readability HS	PK	Cat. No.	Price EUR	Now EUR
HDA 100-1.	100 HA	1.0 HA	1	4.665 533	~~420,00~~	**336,00**
HD0 100-1.	100 HA0	1.0 HA0	1	4.665 590	~~420,00~~	**336,00**
HDD 100-1.	100 HD	1.0 HD	1	4.665 591	~~420,00~~	**336,00**

Core Sampler Quick Picker, Stainless steel V4A or PP

Suitable for removing bulk materials from sacks or large bags and depositing them directly into sample bottles. Complete with cleaning brush and two 250 ml sample bottles.

Lock seal close-it and close-it food & pharma please order separately.

-20%

Capacity	Length	Imm. depth	Material	PK	Cat. No.	Price	Now
ml	cm	mm				EUR	EUR
75	50	300	PP clear	1	6.205 458	~~157,70~~	**126,16**
75	50	300	V4A	1	9.303 850	~~250,60~~	**200,48**

Sampling Dippers DispoDipper LaboPlast®/SteriPlast®, PP, blue transparent

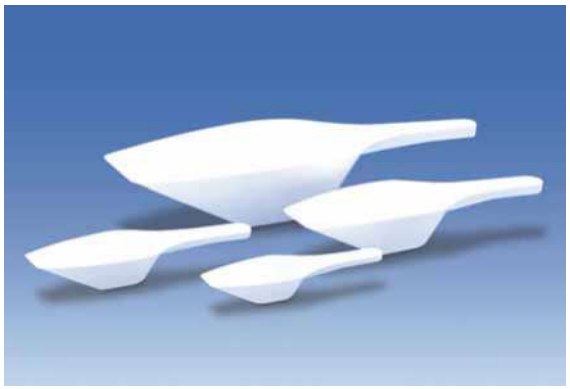
Scaled sampling tube manufactured in a clean room specially designed for disposable use. Due to the blue colour, it is also perfect for use in the food, animal feed and pharmaceutical industries.

- Individually packaged and optionally sterilised by gamma rays (SteriPlast®)
- Complies with EU food requirements and FDA regulations

-10%

Description	Capacity	Diam.	Height	Overall length	PK	Cat. No.	Price	Now
	ml	mm	mm	mm			EUR	EUR
LaboPlast®	50	40	98	417	20	6.290 524	~~23,90~~	**21,51**
SteriPlast®	50	40	98	417	20	6.290 525	~~30,80~~	**27,72**
LaboPlast®	100	53	98	415	20	4.662 230	~~34,40~~	**30,96**
SteriPlast®	100	53	98	415	20	4.662 231	~~43,80~~	**39,42**
LaboPlast®	250	72	116	429	20	4.662 232	~~39,00~~	**35,10**
SteriPlast®	250	72	116	429	20	4.662 233	~~49,70~~	**44,73**

Measuring scoops, PP



White measuring scoops which are also suitable as weighing scoops. With precision formed filling edge and comfortable, stable handle. Easily readable volume quantities on the upper side of the handle. Food-safe product according to regulation (EU) No. 10/2011.

-10%

Capacity	Length	PK	Cat. No.	Price	Now
ml	mm			EUR	EUR
10	100	12	9.201 045	~~6,96~~	**6,26**
25	135	12	9.201 047	~~9,12~~	**8,21**
50	160	12	9.201 048	~~13,80~~	**12,42**
100	200	12	9.201 049	~~19,80~~	**17,82**
250	260	6	4.678 198	~~29,40~~	**26,46**
250	315	6	4.678 197	~~41,10~~	**36,99**
1000	385	6	9.201 050	~~49,20~~	**44,28**

Sample bags Whirl-Pak® Stand-Up, PE, sterile, free standing

Easy sample handling due to the specially gusseted bottom which flattens out when the sample is placed inside, allowing the bag to stand up on its own. Temperature range: -210 to 82 °C.

-40%

Nominal capacity	Dimensions (D x W)	Thickness	PK	Cat. No.	Price	Now
ml	mm	mm			EUR	EUR
118	75 x 185	0.064	500	9.404 231	~~183,60~~	**110,16**
532	115 x 230	0.076	500	9.404 232	~~277,20~~	**166,32**
710	150 x 230	0.076	500	6.266 303	~~340,80~~	**204,48**
1065	125 x 380	0.102	250	6.260 542	~~286,80~~	**172,08**
1242	150 x 380	0.102	250	7.970 886	~~324,00~~	**194,40**
2041	190 x 380	0.102	250	6.260 543	~~368,40~~	**221,04**

Knife mill HM100

- **High Quality**
- **Cost Efficient**

The HM100 knife mill is used for grinding soft, medium-hard, brittle and fibrous materials. Especially suitable for samples with a high water, oil or fat content. The 2 knives are driven by a 900 W motor to achieve a reliable grinding result.

- For soft, elastic, fibrous, aqueous, oily or fatty samples
- Electronically controlled speed
- Samples are grinded in only 10 to 30 seconds
- Up to 700 ml sample volume
- Autoclavable grinding vessels
- Grinding vessels available in various materials
- Cutting knives with 2 stainless steel and titanium blades available
- Easy operation
- Quick start
- Coarse and fine grinding in one step
- Interval, reverse and manual mode available

Scope of supply: Knife mill, 1 l grinding vessel made of plastic (autoclavable), lid, stainless steel knife

Specifications

Feed size:	40 mm
Feed quantity:	50 ... 700 ml
Ult. fineness:	<300 µm
Timer:	1 s ... 10 min
Motor speed:	2000 ... 10000 rpm
Power consumption:	900 W
Dimensions (W x D x H):	260 x 343 x 454 mm
Weight:	16 kg
Power supply:	220 V, 50 Hz

-5%

Type	PK	Cat. No.	Price EUR	Now EUR
HM100	1	4.669 516	~~3.274,30~~	**3.110,59**

Accessories HM100

Description	PK	Cat. No.	Price EUR
Grinding vessel 1 l, transparent plastic, autoclavable	1	4.669 517	**146,70**
Grinding vessel 1 l, stainless steel	1	4.669 518	**391,00**
Grinding vessel 1 l, PP	1	4.669 519	**73,40**
Grinding vessel 1 l, glass	1	4.669 521	**977,40**
Standard lid for all grinding vessels 1 l, PP	1	4.669 522	**48,90**
Stainless steel knife	1	4.669 529	**146,70**
Titanium knife	1	4.669 530	**268,80**
Scraper	1	4.669 532	**15,00**

LLG-Mortars, porcelain

According to DIN 12906.
With spout.

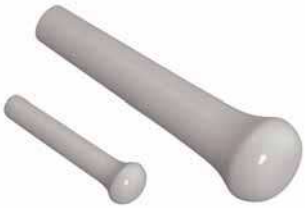
Please order pestle separately.

-25%

Capacity ml	Ext. diam. mm	Height mm	Description	PK	Cat. No.	Price EUR	Now EUR
110	83	50	rough inside	1	6.232 577	~~18,80~~	**14,10**
160	90	56	rough inside*	1	6.243 865	~~21,70~~	**16,28**
220	105	64	rough inside	1	9.164 412	~~23,70~~	**17,78**
400	125	71	rough inside*	1	9.164 413	~~47,00~~	**35,25**
110	83	50	glazed inside	1	6.227 289	~~18,60~~	**13,95**
220	105	64	glazed inside	1	6.234 591	~~22,60~~	**16,95**

*DIN 12906

LLG-Pestle, porcelain



According to DIN 12906.
With rough or glazed rubbing surface.

-25%

Head diam. mm	Length mm	Description	PK	Cat. No.	Price EUR	Now EUR
42	175	rough	1	9.164 422	~~18,00~~	**13,50**
74	250	rough	1	6.252 384	~~58,30~~	**43,73**
42	175	glazed	1	6.227 292	~~22,10~~	**16,58**

Mortars and pestles, Agate

Agate. Polished. Standard quality.
Other sizes available on request.

-20%

Capacity ml	Ext. diam. mm	Int. diam. mm	PK	Cat. No.	Price EUR	Now EUR
10	50	40	1	9.164 050	~~69,00~~	**55,20**
25	75	60	1	9.164 075	~~107,00~~	**85,60**
50	100	85	1	9.164 100	~~256,60~~	**205,28**
100	125	100	1	9.164 125	~~512,90~~	**410,32**

Data Logger EBI 20-T1

EBI 20-T1

- Waterproof
- Visual alarm
- Max/min values on display
- Stores 40000 readings, can be read off at any time
- Replaceable battery

Scope of supply:
EBI 20-T1: Temperature Logger
EBI 20-T1-Set: Temperature Logger, evaluation software, Interface

Specifications

Measuring range temperature:	-30 to +70 °C
Accuracy temperature:	±0.5 °C (-20 to +40 °C); ±0.8 °C for remaining measuring range
Memory:	40000 samples
Power supply:	3 V lithium (CR 2450)
IP code:	IP 67
Weight:	approx. 45 g

-20%

Type	PK	Cat. No.	Price EUR	Now EUR
EBI 20-T1	1	9.908 069	~~68,00~~	**54,40**
EBI 20-T1-Set	1	9.908 073	~~178,00~~	**142,40**

Temperature/Humidity data logger EBI 20-TH1

EBI 20-TH1

- Visual Alarm
- Max/min values on display
- Replaceable battery

Scope of delivery:
EBI 20-TH1: Data logger
EBI 20-TH1-Set: data logger, evaluation software, interface

Specifications

Measuring range temperature:	-30 to +70 °C
Measuring range humidity:	0 % to 100 % R.H.
Accuracy temperature:	±0.5 °C (-20 to +40 °C); ±0.8 °C for remaining measuring range
Accuracy humidity:	±3 % R.H. (10 to 90 % R.H.)
Memory:	40000 samples
Power supply:	3 V lithium (CR 2450)
IP code:	IP 52

-20%

Type	PK	Cat. No.	Price EUR	Now EUR
EBI 20-TH1	1	9.908 070	~~107,00~~	**85,60**
EBI 20-TH1-Set	1	9.908 074	~~217,00~~	**173,60**

Min./Max. alarm thermometer, type 13030, digital

Digital thermometer for monitoring freezers, refrigerators, and incubators. The temperature sensor is built into a 5 ml plastic bottle filled with ethylene glycol mixture.

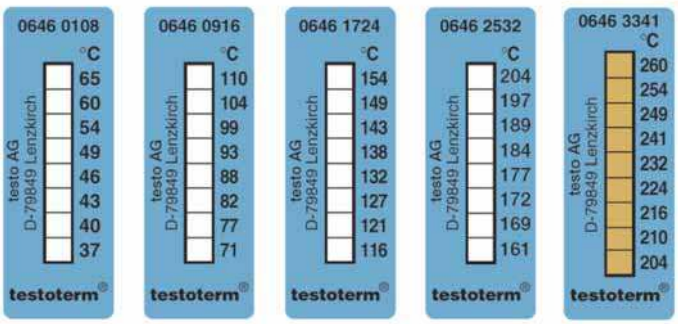
- Display of current and min./max. temperature
- °C/°F selection
- Min./max. memory
- High/low alarm
- Time and date display
- 3 m long cable
- With pull-out stand

Versions with certificate: Certificate traceable to international standards (PTB, NIST, ILAC), with serial number.

-15%

Type	Description	PK	Cat. No.	Price EUR	Now EUR
Without Certificate	-	1	6.263 179	~~56,86~~	**48,33**
With Certificate	For freezers, approved at -20 °C	1	6.261 440	~~62,19~~	**52,86**
With Certificate	For refrigerators, approved at 4 °C	1	6.261 441	~~62,19~~	**52,86**
With Certificate	for incubators, approved at +37 °C	1	7.940 547	~~62,19~~	**52,86**

8-step irreversible temperature strips testoterm®



Strips for 8 temperatures. 5 types cover the measuring range 37 to 260 °C, each strip displays 8 different temperatures. Each strip measures 50 x 18 mm.

-15%

Measuring range °C	PK	Cat. No.	Price EUR	Now EUR
37 ... 65	10	9.246 002	~~28,00~~	**23,80**
71 ... 110	10	9.246 003	~~28,00~~	**23,80**
116 ... 154	10	9.246 004	~~28,00~~	**23,80**
161 ... 204	10	9.246 005	~~28,00~~	**23,80**
204 ... 260	10	9.246 006	~~28,00~~	**23,80**

Chest freezer MLT C75

- **Made in EU**
- **Environmentally Friendly Refrigerant**

Freezer for temporary to long-term cold storage or daily use in the laboratory. Ideal where space is limited, but the user still needs a regular storage capacity.

- Digital controller with display
- Audible and visual alarm
- High/low temperature alarm
- Porthole (Ø12 mm) for external probe and CO_2 backup
- Integrated lock
- With castors
- Small outer dimensions and low weight
- Efficient cyclopentane isolation
- Eco-friendly, HCFC-free refrigerant R600a

Type designation -PLUS: With extended exchange warranty. In warranty cases which cannot be solved quickly on site, the client receives a new device.

Racks and other accessories can be found in our online shop!

NEW

Specifications

Internal humidity:	<5 %
Temperature probe:	PT 1000
Noise level:	53 dB
Power supply:	230 V, 50 Hz

Type	Capacity	External dimensions (W x D x H)	Temp. range	PK	Cat. No.	**Price**
	Litres	mm	max. °C			**EUR**
MLT C75	71	555 x 580 x 870	-25 ... -10	1	6.491 164	**1.350,00**
MLT C75-PLUS	71	555 x 580 x 870	-25 ... -10	1	6.491 163	**1.680,00**

Cool Containers True North®, PU

Heathrow Scientific
design | function | innovation

Rigid polyurethane container provides durability for chilling your temperature sensitive samples. Use with ice, dry ice and ice-salt slurries, etc. For low temperature use down to -196 °C. Minimize evaporation loss with close fit lid. With spout and ergonomic handles for safe handling. Stackable.

-40%

Colour	Capacity	Dimensions (l x w x h)	PK	Cat. No.	Price	**Now**
	l	mm			EUR	**EUR**
Black	4	234 x 181*	1	9.010 691	~~199,10~~	**119,46**
Green	1	267 x 195.5 x 114	1	9.010 692	~~92,40~~	**55,44**
Blue	4	381 x 254 x 182	1	9.010 693	~~148,40~~	**89,04**
Red	9	521 x 292 x 163	1	9.010 694	~~198,90~~	**119,34**

*(diam. x H)

LLG-Cryotubes, PP, sterile

A 121 °C

LLG LABWARE

With star-shape in the screw cap, for automated capper/decapper.
Temperature resistant down to -196 °C.
Not appropriate for operations in liquid nitrogen.
Perfect for safe and precise handling of biotech material. DNase/RNase free. Autoclavable at 121 °C. Sterile.

Packed in 2 bags of 50 tubes.

-40%

Description	Capacity	Height	Thread	PK	Cat. No.	Price	**Now**
	ml	mm				EUR	**EUR**
Self-standing	1.2	40.2	External	100	9.401 160	~~38,60~~	**23,16**
Self-standing	1.2	40.2	Internal	100	9.401 161	~~38,60~~	**23,16**
Self-standing	2.0	45.6	External	100	9.401 162	~~38,60~~	**23,16**
Self-standing	2.0	48.2	Internal	100	9.401 163	~~38,80~~	**23,28**
Without ring	2.0	44.5	External	100	9.401 164	~~38,60~~	**23,16**
Without ring	2.0	47.0	Internal	100	9.401 165	~~38,60~~	**23,16**
Self-standing	5.0	87.6	External	100	9.401 166	~~38,60~~	**23,16**
Without ring	5.0	89.2	Internal	100	9.401 167	~~38,60~~	**23,16**
Self-standing	5.0	90.3	Internal	100	9.401 168	~~38,60~~	**23,16**

Anaerobic jars, stainless steel

schuett-biotec.de

standard

eco

For the cultivation of anaerobic and microaerophilic microorganisms in a defined and rapidly generated gas atmosphere.The requested atmosphere may be reached under ideal conditions by two methods. Either by using chemical gas packs (anaerobe systems) or by manually evacuating the jars with a vacuum pump and flushing with gas afterwards (e.g. with nitrogen).

Type	To hold dishes quantity	Int. diam. mm	Int. height mm	PK	Cat. No.	Price EUR
standard*	15 (60-100 mm diam.)	120	270	1	9.520 056	**305,50**
eco**	15 (60-100 mm diam.)	120	270	1	9.520 057	**252,70**

*Stainless steel jar with UV-resistant plastic lid (2 valves, 1 manometer)
**Stainless steel jar with UV-resistant plastic lid (ventilation screw)

Accessories for anaerobic jars

Type	PK	Cat. No.	Price EUR
Rack "standard" (for "standard" and "eco")*	1	9.520 053	**50,60**
GasPack-Kit "anaerobic" (1 x 3.5 l)	10	9.520 064	**120,70**
GasPack-Kit "CO_2" (1 x 2.5 l)	10	9.520 065	**119,20**
GasPack-Kit "microaerophil" (1 x 3.5 l)	10	9.520 066	**117,70**
Anaerobiose Indicator (test strip)	100	9.520 067	**226,10**

*To hold dishes (quantity): 15 (60 to 100 mm dia.)

Mini-Incubator CULTURA® M inclusive Multirack

- **Swiss Quality**
- **Multi-Rack Included**

The CULTURA® M Mini-Incubator has specifically been designed for the incubation of contact slides and dipslides, as well as common Petri dishes for detecting bacteria, fungi and yeast.

Scope of delivery: Multirack for up to 18 dipslides and a thermometer.

Specifications

Temperature range:	25 to 45 °C
Temperature uniformity:	±1.0 °C
Capacity:	4 l
External dimensions (W x D x H):	310 x 168 x 155 mm
Internal dimensions (W x D x H):	220 x 150 x 120 mm
Weight:	1.1 kg
Power supply:	230 V, 50 Hz
Warranty:	2 Years

-20%

Type	PK	Cat. No.	Price EUR	Now EUR
Mini-Incubator CULTURA® M incl. Multirack for 18 tests	1	6.280 441	~~427,00~~	**341,60**

Microbiological rapid tests Lovibond® Dipslides

Lovibond® Dipslides are ideally suited for the detection of microorganisms in liquids and on surfaces. The double-sided 2-in-1 displides are available in a wide range of different culture media.

-15%

Description	PK	Cat. No.	Price EUR	Now EUR
TTC/TTC for total viable count (TVC)	10	6.282 520	~~29,90~~	**25,42**
TTC/MALT for Yeast, Moulds, Fungi, TVC	10	6.282 521	~~29,90~~	**25,42**
TTC/ROSE for Yeast, Moulds, Fungi, TVC	10	6.282 522	~~29,90~~	**25,42**
TTC/MAC for coliforms, TVC	10	6.282 523	~~29,90~~	**25,42**
TTC/E.COLI for E. coli/coliforms, TVC	10	6.282 524	~~53,20~~	**45,22**
PDM/MAC for Pseudomonas species, coliforms	10	6.282 525	~~53,20~~	**45,22**
TTC/PDM for Pseudomonas species, TVC	10	6.282 526	~~53,20~~	**45,22**
SRB for Sulphate reducing bacteria	10	6.282 527	~~80,90~~	**68,77**
R2A/R2A - TTC for testing of potable water	10	6.282 529	~~29,90~~	**25,42**

You can find our complete range on our website.

Filter units, PES membrane, sterile

Available in 3 different volumes (250, 500 and 1000 ml), with pore sizes of 0.22 µm or 0.45 µm.

- Bottle-top filter and reservoir bottle are included
- Volume graduation
- Hose connector fits multiple diameters
- Pyrogen-free
- Membrane material: Polyethersulfone (PES)

-30%

Capacity ml	Pore size µm	Neck thread mm	PK	Cat. No.	Price EUR	Now EUR
250	0.22	45	12	6.267 180	~~89,00~~	**62,30**
250	0.45	45	12	6.267 181	~~89,00~~	**62,30**
500	0.22	45	12	6.267 182	~~146,90~~	**102,83**
500	0.45	45	12	6.267 183	~~146,90~~	**102,83**
1000	0.22	45	12	6.267 184	~~188,30~~	**131,81**
1000	0.45	45	12	6.267 185	~~185,30~~	**129,71**

Cell Culture Flasks EasYFlask™, treated, PS/HDPE, sterile

Cell culture flasks with Nunclon™Δ. Surface modifications are certified pyrogen-free and tested for monolayer formation and cloning efficiency with primary and immortalized cell lines. Bottleneck at an angle. Sterile.
Material flasks: Polystyrene
Material caps: HDPE
Cover type: Filter

-35%

Working volume ml	Culture surface cm^2	Surface	PK	Cat. No.	Price EUR	Now EUR
7	25	Nunclon™	200	9.390 331	~~279,60~~	**181,74**
25	75	Nunclon™	100	9.390 333	~~235,20~~	**152,88**
55	175	Nunclon™*	30	7.510 686	~~126,00~~	**81,90**
70	225	Nunclon™*	30	6.236 539	~~264,00~~	**171,60**

* Batch no. and cat. no. printed on each flask.

Automated cell Counter EVE™ Plus

- **Fast Counting under 1 sec.**
- **Wi-Fi Data Transfer**
- **Storing 500 Results**

EVE™ Plus is a benchtop automatic cell counter designed to accurately and precisely measure cell count and viability of different cell cultures. It uses the standard trypan blue technique.

- Fine distinction of clumped cells: Accurate results with advanced analysis algorithm
- Touch screen interface
- Auto save function up to 500 results
- Data transfer via Wi-Fi
- Acoustic signal after each count

Specifications:

Manual counting time:	1 second or less
Auto focus counting time:	10 seconds or less
Measuring range:	1 x 10^4 ~ 2 x 10^7 cells/ml
Zählbarer Zellgrößenbereich:	5 ~ 60 µm

-20%

Type	PK	Cat. No.	Price EUR	Now EUR
Automated cell Counter EVE™ Plus	1	4.669 246	~~4.660,00~~	**3.728,00**

Accessories for automated Cell Counter EVE™

EVE™ Cell counting slides incl. 1 x 1.5 ml trypan blue (0.4 %) for 100 counts

-15%

Description	PK	Cat. No.	Price EUR	Now EUR
Cell counting slides	50	6.284 818	~~74,80~~	**63,58**

Light Microscopes Lab-Line OBL sets

KERN

Complete Set

OBL 137C825

OBL 137T241

The sets are the complete digital solution for live investigations. Optionally available with an adapted tablet or C-mount camera, including appropriate C-mount adapter. The adapted tablet-camera has been specially developed for simple, convenient and direct investigation of the sample on the screen.

- Tube 30° inclined , 360° rotatable
- Widefield eyepiece: WF 10x/20 mm
- Diopter adjustment at one eyepiece tube
- Quadruple nosepiece (backward inclined)
- Objectives 4x, 10x, 40x, 100x (Oil immersion)
- Coaxial pre-and fine focussing
- Trinocular Tube
- 3W-LED illumination (transmitted light)

-25%

Type	Description	PK	Cat. No.	Price	Now
				EUR	EUR
OBL 137C825	Incl. 5 mpx camera, with USB 2.0 interface and C-Mount adapter	1	6.313 869	~~1.770,00~~	**1.327,50**
OBL 137T241	Incl. 5 mpx tablet-camera, with WLAN, USB 2.0 interface, HDMI, SD	1	6.313 870	~~2.480,00~~	**1.860,00**

Superfrost® Plus adhesive microscope slides, white

Plus

Plus Gold

epredia Enhancing precision cancer diagnostics

-25%

Size: 75 x 25 x 1.0 mm. Ground edges 90°, white SuperFrost marking area.

Type	PK	Cat. No.	Price	Now
			EUR	EUR
SuperFrost® Plus	72	9.161 155	~~30,90~~	**23,18**
SuperFrost® Plus Gold (suitable for thicker tissue sections)	72	6.700 125	~~96,10~~	**72,08**

Cold Light Source KL 1600 LED Packages

SCHOTT glass made of ideas

- **Suitable for Photo Documentations**
- **Long Lifetime**

The KL 1600 LED is an innovative fiber optic light source which uses cold light to illuminate all types of objects in industrial and life science applications.

- Powerful illumination system with a brightness of 680 lm
- Ripple free illumination for digital imaging applications
- Colour temperature of 5,600 K does not change when the light source is dimmed
- Maintenance free due to long lifetime LEDs of 50,000 hours

Scope of supply:
LED Cold light source KL 1600 LED incl. 2-armed gooseneck light guide, 2 focus lenses, according power cord

Specifications

Colour temperature:	5600 K
Light flux:	680 lm
Dimensions KL 1600 LED (W x D x H):	114 x 231 x 137 mm
Dimensions light guide (Ø x L):	4.5 x 600 mm
Weight:	3.9 kg
Power supply:	100 ... 240 V, 50/60 Hz

-20%

Type	Plug type	PK	Cat. No.	Price	Now
				EUR	EUR
KL 1600 LED Package	EU	1	4.666 289	~~1.139,00~~	**911,20**

LLG-Slide mailers

LLG LABWARE

Manufactured from high density polypropylene, for shipping, storing or staining slides. Flat mailers can hold 1, 2, 3 or 5 standard (up to 76 x 26 mm) slides securely.

-25%

To hold microscope slides	PK	Cat. No.	Price	Now
			EUR	EUR
1	100	9.161 291	~~100,00~~	**75,00**
2	100	9.161 292	~~114,00~~	**85,50**
3	100	9.161 293	~~122,00~~	**91,50**
5	100	9.161 294	~~127,00~~	**95,25**

Digital refractometer ORL

Accurate and maintenance-free digital benchtop refractometer with 2 scales.

- Large multifunction display with integrated temperature display
- Automatic temperature compensation (ATC)
- Calibration with distilled water
- Mean value measurements possible

Scope of supply:
Digital refractometer, pipette, storage case, USB cable, power adapter, screwdriver

Specifications

Minimum sample volume:	0.3 ... 0.4 ml
Temperature range:	0 ... 40 °C
Power supply:	USB connection or 1 × rechargeable battery 3.7 V, 3000 mA (not included in scope of supply)
Dimensions (W x D x H):	180 x 100 x 55 mm
Weight:	365 g

-25%

Type	Measuring range	Accuracy	PK	Cat. No.	Price EUR	Now EUR
ORL 94BS	0 ... 94 % Brix 1.3330 ... 1.5290 nD	± 0.1 % Brix ± 0.0002 nD	1	6.321 932	~~920,00~~	**690,00**

Densitometer DEN-600

NEW

Portable densitometer for OD600 method, McFarland (McF) turbidity method measurement and Bradford protein assay method for protein concentration.

- LCD display
- Battery mode possible
- Software for measurement, results, upload and analysis (USB connectivity)
- Compatible with cuvettes, round bottom tubes and falcon tubes (10 mm)

Specifications

Light source:	LED
Measuring range absorbance:	0 ... 3.000
Measuring range McFarland:	0.00 ... 16.00
Accuracy absorbance:	±0.006 at 1 Abs
Accuracy McFarland:	±0.1 at 0 ... 8 McF
Power supply:	100 ... 240 V 50/60 Hz or lithium-ion polymer battery

-10%

Type	Wave-length nm	Dimensions (W x D x H) mm	PK	Cat. No.	Price EUR	Now EUR
DEN-600	600 ± 10	120 x 145 x 65	1	4.684 303	~~872,00~~	**784,80**

Accessories DEN-600

-10%

Description	PK	Cat. No.	Price EUR	Now EUR
Set of 5 reference standards (0.5/1.0/2.0/3.0/4.0)	1	6.237 141	~~373,00~~	**335,70**

Spectrophotometer LLG-uni*SPEC* 2

Proven Quality

WARRANTY 3 YEARS

High-quality and cost-efficient UV/VIS spectrophotometers for pharmaceutical, biochemical and clinical lab applications. Suitable for different measurement types such as kinetics, wavelength scans, quantitative analysis, multi-wavelength and DNA/Protein analysis.

- Single beam system, grid with 1200 lines/mm
- Silicon photodiode detector
- Parallel port for printer output
- USB port
- 4 position cell holder (10 mm) included
- Additional cell holders optionally available
- LCD display
- Deuterium and tungsten lamp
- Automatic wavelength adjustment

Scope of supply: LLG-uni*SPEC* 2 Photometer, software for connection to PC, 4 glass cells and 2 quartz cells.

Specifications

Optical System:	Single beam, Grating 1200 lines/mm, Silicium photodiode detector
Wavelength range:	190 to 1100 nm
Bandwidth:	2 nm
Wavelength accuracy:	±0.5 nm
Wavelength repeatability:	0.3 nm
Wavelength setting:	automatic
Photometric accuracy:	±0.5 % T
Photometric repeatability:	0.3 % T
Photometric range:	-0.3-3 A, 0-200 % T, 0-9999 C
Stability:	±0.002 A/h at 500 nm
Stray light:	≤0.1 %T
Display:	128 x 64 Dots LCD
Standard cell holder:	4-position 10 mm cell changer
Lamps:	D2 lamp and W lamp
Dimension (W x D x H):	460 x 360 x 225 mm
Weight:	18 kg
Power supply:	220 V/50 Hz

-30%

Type	Plug type	PK	Cat. No.	Price EUR	Now EUR
LLG-uni*SPEC* 2	EU	1	6.263 610	~~3.875,00~~	**2.712,50**

Gel electrophoresis tank MultiSUB Choice

Gel size 15 x 15 cm (W x D). A versatile chamber for rapid separation of nucleic acids and restriction fragments in the agarose gel.

- 3, 4 or 6 comb positions for maximum 210 samples
- Low buffer volume: 500 ml
- Simple gel casting by using dams

Supplied with: Chamber with platinum electrodes, UV carrier 15 x 15 cm, 2 combs (20 teeth).

Specifications

Unit dimensions (w x l x h):	26.5 x 17.5 x 9 cm
Max. sample:	15 x 15 cm Tray - 210 Samples

-30%

Description	PK	Cat. No.	Price EUR	Now EUR
MultiSUB Choice 15	1	9.584 651	~~522,30~~	**365,61**

LLG-Agarose Standard

LLG-Agarose is ideal for routine separation of DNA and RNA fragments, as well as PCR products with electrophoresis. High transparency and low background of the agarose gel ensures clear and sharply defined bands.

- Very good dissolution and rapid gel formation
- High gel strength even at low agarose concentrations
- Suitable for agarose concentrations from 0.75 up to 2 %
- Good separation efficiency for nucleic acid fragments between 250 bp and 23 kb
- Free of DNAse and RNAse

Appearance:	White powder
Clarity (NTU):	≤4 (1.5 % gel)
Gelling point:	36 ±1.5 °C (1.5 % gel)
Melting point:	88 ±1.5 °C (1.5 % gel)
Gel strength:	≥1000 g/cm² (1 % gel)
Sulphate:	≤0.15 %

-37%

Capacity g	PK	Cat. No.	Price EUR	Now EUR
100	1	4.681 511	~~75,00~~	**47,53**
500	1	4.681 512	~~278,00~~	**176,68**

Enduro™ power supplies

Dependable performance, intelligent control, for the connection of different chamber systems. Ideal for DNA, RNA and protein electrophoresis as well as blotting.

- Simple to program
- Select constant voltage or constant current mode
- Compact, lightweight and stackable
- Extremely quiet operation

Specifications

Output voltage range/increments:	2 ... 300 V/1 V 4 ... 500 mA/1 mA 90 W max/na
Timer:	1 min to 99 h 59 min or continuous
Programmable:	No
Dimensions:	190 x 250 x 80 mm
Weight:	2.2 kg
Input voltage:	120-230 V

-15%

Description	PK	Cat. No.	Price EUR	Now EUR
Enduro 300 V power supply	1	9.595 314	~~522,90~~	**444,47**

Additional accessories are available.

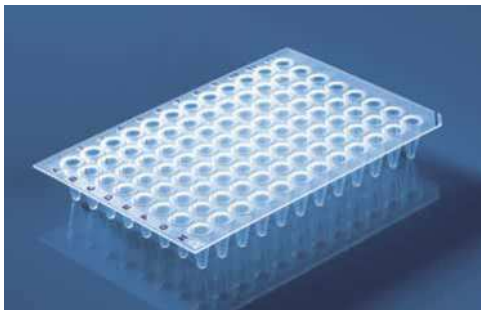
MBP DNA AWAY™ for surface decontaminant

Eliminates unwanted DNA and DNase from glassware and plasticware without affecting subsequent DNA samples.

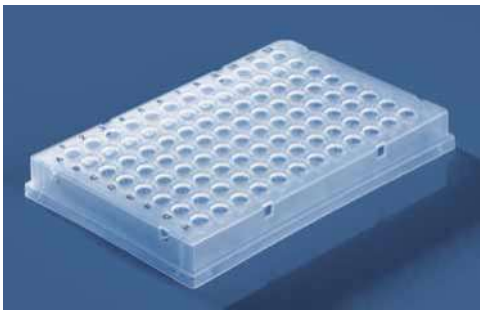
-20%

Capacity ml	Package	PK	Cat. No.	Price EUR	Now EUR
250	Flask	1	6.228 401	~~26,95~~	**21,56**

96 well PCR-Plates, PP, for PCR or qPCR



9.409 247



9.409 351

NEW

BRAND

The ultra thin-walled PCR plate design facilitates constant, rapid and precise heat transfer.

-25%

Description	Volume	Colour	Cut corner	PK	Cat. No.	Price	Now
	ml					EUR	EUR
Low Profile, non-skirted	0.15	clear	H12	50	9.409 247	~~180,50~~	**135,38**
Low Profile, semi skirted	0.15	clear	A12	50	9.409 256	~~180,50~~	**135,38**
Low Profile, semi skirted, raised skirt	0.15	clear	A1	50	9.409 258	~~180,50~~	**135,38**
Low Profile, fully skirted*	0.15	clear	H1	50	9.409 351	~~305,70~~	**229,28**
Low Profile, non-skirted	0.15	white	H12	50	9.409 248	~~205,40~~	**154,05**
Low Profile, semi skirted	0.15	white	A12	50	9.409 257	~~205,40~~	**154,05**
Low Profile, semi skirted, raised skirt	0.15	white	A1	50	9.409 259	~~205,40~~	**154,05**
Low Profile, for LightCycler® 480 (Roche®), semi skirted*	0.15	white	H12	50	4.007 899	~~253,90~~	**190,43**
Low Profile, fully skirted*	0.15	white	H1	50	9.409 266	~~312,00~~	**234,00**
Standard profile, non-skirted	0.20	clear	A12	50	9.409 254	~~180,50~~	**135,38**
Standard profile, semi skirted	0.20	clear	A12	50	9.409 264	~~180,50~~	**135,38**
Standard profile, non-skirted, elevated rim	0.20	clear	H12	50	9.409 381	~~191,70~~	**143,78**
Standard profile, semi skirted, elevated rim	0.20	clear	H12	50	9.409 383	~~191,70~~	**143,78**
Standard profile, non-skirted	0.20	white	A12	50	9.409 255	~~205,40~~	**154,05**
Standard profile, semi skirted	0.20	white	A12	50	9.409 265	~~205,40~~	**154,05**
Standard profile, non-skirted, elevated rim	0.20	white	H12	50	4.007 896	~~218,30~~	**163,73**
Standard profile, semi skirted, elevated rim	0.20	white	H12	50	4.007 897	~~218,30~~	**163,73**

*Black alphanumeric code, no additional markings on the cut corner.

PCR Plates 96 well and 348 well, Rigid Frame

- **For Automation and High Throughput**
- **High Stability**

NEW

BRAND

The rigid frame allows the use of very thin-walled wells from polypropylene. The uniform and thin wall thicknesses of the wells ensure rapid transfer of the temperature from the cycler to the sample, thus reducing cycle times. For qPCR, white plates are available that optimally reflect the fluorescence signals.

- Suitable for all standard thermal cyclers and fully automation compatible
- High stability and rigidity of the plate due to stable polycarbonate frame
- Rapid heat transfer through thin vessel walls
- DNase-, RNase-, and DNA-free
- Manufactured under controlled cleanroom conditions

96 well

-20%

Type	Description	Capacity	PK	Cat. No.	Price	Now
		µl			EUR	EUR
96 well	full skirt, frost, wells transparent, low profile	150	50	4.687 153	~~239,00~~	**191,20**
96 well	full skirt, yellow, wells transparent, low profile	150	50	4.687 154	~~239,00~~	**191,20**
96 well	full skirt, red, wells transparent, low profile	150	50	4.687 155	~~239,00~~	**191,20**
96 well	full skirt, green, wells transparent, low profile	150	50	4.687 156	~~239,00~~	**191,20**
96 well	full skirt, blue, wells transparent, low profile	150	50	4.687 157	~~239,00~~	**191,20**
96 well	full skirt, white, wells white, low profile	150	50	4.687 158	~~249,00~~	**199,20**
96 well	semi skirt, transparent, wells transparent, standard profile	200	50	4.687 159	~~239,00~~	**191,20**
96 well	semi skirt, blue, wells transparent, standard profile	200	50	4.687 160	~~239,00~~	**191,20**
96 well	semi skirt, transparent, wells transparent, low profile, Roche®	150	50	4.687 161	~~249,00~~	**199,20**
348 well	full skirt, frost, wells transparent, low profile	30	50	4.687 151	~~239,00~~	**191,20**
348 well	full skirt, frost, wells white, low profile, BioRad Roche® Lightcycler®	30	50	4.687 152	~~259,00~~	**207,20**

LLG-Timer pro

The LLG-Timer pro can be used simultaneously as real time clock and timer. The countdown timer also runs when time is visible.

- Big 6-digit LCD display
- Digital stopwatch (counting up)
- Short timer (counting down)
- With memory function
- Stopwatch and countdown up to 23 h 59 min. 59 sec.
- Optical and acoustic alarm when timer expires
- Incl. magnet for mounting, hanging bracket and stand (fold-out)

Dimensions (W x H x D):	82 x 68 x 20.5 mm
Weight (with battery):	82 g
Power supply:	2 x AAA 1.5 V (not included)
Warranty:	12 months

-25%

Type	PK	Cat. No.	Price EUR	Now EUR
LLG-timer pro	1	6.311 351	~~21,30~~	**15,98**

LLG-Timer Triple pro

The LLG-Timer Triple pro offers three separate timers in one instrument. One time can be stored per channel. This Timer can be used simultaneously as real time clock and timer. The countdown timer also runs when time is visible.

- Big 6-digit LCD display
- Digital stopwatch (counting up)
- Short timer (counting down)
- With memory function
- Stopwatch and countdown up to 23 h 59 min. 59 sec.
- Optical and acoustic alarm when timer expires
- Incl. magnet for mounting, hanging bracket and stand (fold-out)

Dimensions (W x H x D):	68 x 88.7 x 16.2 mm
Weight (with battery):	87 g
Power supply:	2 x AAA 1.5 V (not included)
Warranty:	12 months

-25%

Type	PK	Cat. No.	Price EUR	Now EUR
LLG-Timer Triple pro	1	6.313 417	~~27,10~~	**20,33**

LLG-Dual-Timer, 2-channel

The LLG-Dual-Timer offers two separate timers in one instrument. One fixed time can be stored per channel.

- Big 6-digit LCD display
- Digital stopwatch (counting up)
- Short timer (counting down)
- With memory function
- Stopwatch with tenths of a second
- Stopwatch and countdown up to 99 h 59 min. 59 sec
- Optical (red LED) and acoustic alarm (2 volume levels), when timer expires
- Incl. magnet for mounting, hanging bracket and stand (fold-out)

Dimensions (W x H x D):	97 x 79 x 21 mm
Weight (with battery):	95 g
Power supply:	2 x AAA 1.5 V (not included)
Warranty:	12 months

-25%

Type	PK	Cat. No.	Price EUR	Now EUR
LLG-Dual-Timer	1	6.311 350	~~20,10~~	**15,08**

Room climate monitor RM 100

For reliable control and evaluation of indoor air quality. Simultaneous measurement and display of temperature, CO_2 concentration and humidity. The CO_2 concentration in the air is additionally indicated by three LEDs as good, medium or bad.

- Alarming when limit is exceeded
- Large, illuminated display
- Factory calibration certificate

Scope of supply: Room climate monitor RM 100, external AC/DC adapter

Specifications

CO_2 range:	0 ... 3000 ppm
Resolution:	1 ppm (0 ... 1000 ppm), 5 ppm (1001 ... 2000 ppm), 10 ppm (2001 ... 3000 ppm)
Accuracy:	below 25 °C: ±80 ppm or ±5 % of measured value (<2000 ppm); ±7 % (>2000 ppm)
Temperature range:	0 ... 50 °C
Resolution:	0.1 °C
Accuracy:	±1 °C
Relative humidity:	20 ... 90 %
Resolution:	1 %
Accuracy:	±5 %
Dimensions (L x D x H):	137 x 51 x 99 mm
Weight:	200 g
Electricity supply:	USB or 5 VDC adapter
Power supply:	100-240 VAC 50/60 Hz

-15%

Type	PK	Cat. No.	Price EUR	Now EUR
RM 100	1	6.288 263	~~167,00~~	**141,95**

Inlet Liner and o-rings for Agilent GC

TRAJAN

Inlet Liner for Agilent 5890, 6850, 6890, 7890 und HP4890.
Trajan's SGE inlet liners come as a complete, single packed unit.

- 5 or 25 packs, individually packed
- Complete with instrument appropriate o-rings and sealing rings
- Each pack is supplied with quality test results

7.653 145

6.236 751

6.223 553

-5%

Description	Ext. diam. mm	Int. diam. mm	Length mm	PK	Cat. No.	Price EUR	Now EUR
Split, Straight-through Liner	6.3	4.0	78.5	5	7.653 145	~~114,50~~	**108,78**
Split / Splitless with Single Taper (Quartz Wool)	6.3	4.0	78.5	5	6.236 751	~~159,00~~	**151,05**
Split/Splitless FocusLiner®	6.3	4.0	78.5	5	6.223 552	~~166,30~~	**157,99**
Split/Splitless FocusLiner®	6.3	4.0	78.5	25	6.239 332	~~704,20~~	**668,99**
Split/Splitless Tapered Focus Liner®	6.3	4.0	78.5	5	6.223 553	~~215,60~~	**204,82**
Split/Splitless Tapered Focus Liner®	6.3	4.0	78.5	25	9.003 572	~~913,80~~	**868,11**
Split/Splitless FAST FocusLiner®	6.3	2.3	78.5	5	6.223 554	~~196,40~~	**186,58**
Split, with Quartz Wool	6.3	4.0	78.5	25	9.003 577	~~538,20~~	**511,29**

b.safe-Caps Starter Boxes, GL 45, PPS

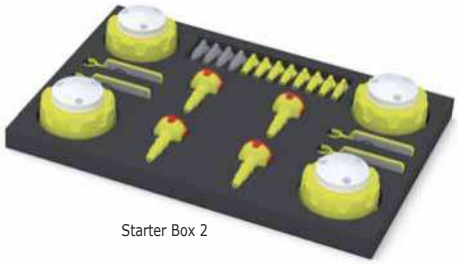
b.safe

Initial equipment for HPLC with b.safe-Caps for bottles with thread GL 45. Furthermore fittings for easy connection of capillary tubing, blind fittings for closing unused connections and air valves for a trouble-free withdrawal of solvents are included.
For up to 4 storage bottles.

Complete Set

Scope of supply:
Starter Box 1:
- 3 x b.safe-Cap GL 45 with 2 connections UNF ¼" 28G
- 1 x b.safe-Cap GL 45 with 3 connections UNF ¼" 28G
- 4 x Air valve with service life indicator
- 5 x Fittings yellow for tubing O.D. 3.2 mm
- 1 x Blind fitting

Starter Box 2:
- 4 x b.safe-Cap GL 45 with 3 connections UNF ¼" 28G
- 4 x Air valve with service life indicator
- 8 x Fittings yellow for tubing O.D. 3.2 mm
- 4 x Blind fittings


Starter Box 2

-5%

Type	Thread	PK	Cat. No.	Price EUR	Now EUR
Starter Box 1	GL 45	1	6.313 845	~~235,80~~	**224,01**
Starter Box 2	GL 45	1	6.313 846	~~253,70~~	**241,02**

LLG-Short Thread Vials ND9, wide opening

LLG LABWARE

-35%

Capacity	ml	1.5	1.5	1.5	0.1
o.d. x Height	mm	11.6 x 32	11.6 x 32	11.6 x 32	6 x 31
Colour		clear	clear, labelling field	amber, labelling field	clear
Form		flat bottom	flat bottom	flat bottom	conical 15 mm tip
PK		100	100	100	100
Cat. No.		9.003 448	4.662 800	4.662 801	7.401 744
Price	EUR	~~14,10~~	~~14,60~~	~~15,10~~	~~23,90~~
Now	**EUR**	**9,17**	**9,49**	**9,82**	**15,54**

LLG-PP Short Thread Seals ND9, ready assembled

LLG LABWARE

-35%

Caps	Septa	Hardness	Thickness mm	PK	Cat. No.	Price EUR	Now EUR
blue, centre hole	Natural rubber, red-orange / TEF transparent	60° shore A	1	100	6.266 883	~~16,20~~	**10,53**
blue, centre hole	PTFE red / Silicone white	45° shore A	1	100	6.291 638	~~23,80~~	**15,47**

Disposable Gloves Format Blue, Nitrile

EN ISO 374-1
Type C EN ISO 374-5 EN 420
K VIRUS

Blue, powder-free, non-sterile, rolled edges.
Manufactured by EN 455, T. 1-4, EN 374, AQL 1.5, CE.
Cat. III Low Chemical resistance.
Supplied in dispenser box containing 100 gloves.

According to EN ISO 374-1:2016/Type C,
EN ISO 374-5:2016, EN 420 Suitable for food handling.

-15%

Size	PK	Cat. No.	Price	Now
			EUR	EUR
S (6-7)	100	9.005 395	~~14,90~~	**12,67**
M (7-8)	100	9.005 396	~~14,90~~	**12,67**
L (8-9)	100	9.005 397	~~14,90~~	**12,67**
XL (9-10)	100	9.005 398	~~14,90~~	**12,67**

LLG-Safety Eyeshields *basic*

A 121 °C

- CE approved to EN166 and EN170
- Perfect for visitors as well as over goggles for spectacle wearers
- Integrated side lens with venting, 180° visual field
- Frame made of tested hypo-allergenic material
- 100 % UV protection (up to 380 nm)
- Weight: 43 g

-25%

Colour	Lens	PK	Cat. No.	Price	Now
				EUR	EUR
Clear	Clear, uncoated, 2-1.2 U 1 F CE	10	9.006 002	~~40,30~~	**30,23**

Protection Gloves Cryo Gloves® Standard

EN 511 EN 388 EN 420
1323

High Safety at Ultra-low Temperatures down to -160 °C

Developed to provide protection while working in very cold environments or handling ultra-cold objects and media (in the range of -160 °C). Especially for secure handling of dry ice (-79 °C), sample handling (-86 °C/-152 °C) and handling ultra cold specimens - those stored in the vapour phase of liquid nitrogen. According to normative EN 511, EN 420, EN 388, **CAT. III**
CAUTION: Not intended for immersion in liquid nitrogen or other liquid cryogens. 1 pair per pack.

-10%

Type	Description	Size	PK	Cat. No.	Price	Now
					EUR	EUR
Standard	wrist length	S (8)	1	9.405 116	~~189,90~~	**170,91**
Standard	wrist length	M (9)	1	9.405 117	~~189,90~~	**170,91**
Standard	wrist length	L (10)	1	9.405 118	~~189,90~~	**170,91**
Standard	wrist length	XL (11)	1	9.405 119	~~197,10~~	**177,39**
Standard	forearm length	S (8)	1	9.405 120	~~194,70~~	**175,23**
Standard	forearm length	M (9)	1	9.005 446	~~194,70~~	**175,23**
Standard	forearm length	L (10)	1	9.005 447	~~194,70~~	**175,23**
Standard	forearm length	XL (11)	1	9.405 121	~~205,30~~	**184,77**

Sleeve Guard Tyvek® 500

- Tyvek® 500 Sleeve 50 cm, white
- Stitched internal seam
- Elastic openings, adjustable arm opening
- Blue stitches on upper arm
- Certified according to Regulation (EU) 2016/425
- Partial body chemical protective clothing, Category III, Type PB [6-B].
- EN 14126 (barrier to infective agents).
- Antistatic treatment (EN 1149-1) on both sides

-5%

Type	PK	Cat. No.	Price	Now
			EUR	EUR
Sleeve guard Tyvek®	200	6.263 193	~~169,40~~	**160,93**

Mini Eyewash Station Eyes Fresh

Ideal for the lab, filling stations or all work places where aggressive substances are used. "Eyes Fresh" can be attached to any standard cold water tap. For normal use of the tap, just press the button and the function changes back from the eye wash (returns automatically to eyewash-function when the tap is closed). Can be fitted onto taps with M22x1, 1/2" or 3/8" outer thread.

-20%

Description	PK	Cat. No.	Price	Now
			EUR	EUR
Mini eyewash station EyesFresh	1	6.076 887	~~174,50~~	139,60

Panoramic Eyeshield uvex ultrasonic 9302

Extremely safe and comfortable, semi-elastic frame incorporating two-component technology.
Coating of the lens: uvex supravision excellence: outside scratch-resistant, inside non-fogging, 100 % UV protection
- Synthetic headband
- Infinitely adjustable

-25%

Colour	Lens	PK	Cat. No.	Price	Now
				EUR	EUR
orange/grey	transparent / UV 2-1.2	1	9.005 115	~~31,10~~	23,33

Eye-Wash Bottle, Barikos KS

Barikos KS and Mini Barikos KS are maintenance-free models of eye wash bottles. Containing water, they can be kept ready for use for at least two years in the sealed state. Both models are ideal for first aid boxes and sets. All above mentioned Barikos eyewash bottles comply with EN 15154-4. A protective cover clips onto the spray head of the eye wash bottle thus preventing any leakage. All bottles with sliding valve are suitable for use with upright and with the downward spray head.

- Filled eyewash bottle, ph-neutral eyewash on water basis without chemical additives
- Ergonomically shaped eye recess

-5%

Description	PK	Cat. No.	Price	Now
			EUR	EUR
Barikos KS, 620ml, filled	1	9.005 009	~~17,60~~	16,72
Mini Barikos KS, 175ml, filled	1	9.005 008	~~13,40~~	12,73

Accessoires for Eye-Wash Bottle, Barikos

-5%

Description	PK	Cat. No.	Price	Now
			EUR	EUR
Barikos K / KS wall unit for 2 eye wash bottles, platic with transparent lid	1	9.005 017	~~49,00~~	46,55
Barikos K / KS wall unit for 1 eye wash bottle, platic with transparent lid	1	6.076 057	~~34,90~~	33,16

Cleanroom Gloves Nitrilite® *Silky,* nitrile

EN ISO 374-1
Type B
JKT

EN ISO 374-5
VIRUS

Double Packed

- Compatible with cleanroom class 10 (ISO 4)
- Excellent product protection due to low content of ions and particles
- AQL of 1.5
- **Cat. III**

Packaging: 50 gloves vacuumsealed in an unprinted polybag, two bags of 50 gloves per master polybag.
All packaging and labeling is printed with IPA-resistant ink.
The gloves are doublebagged for superior contamination control.
Packed in a ISO Class 5 cleanroom.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016

-35%

Size	Length	PK	Cat. No.	Price	Now
	mm			EUR	EUR
S	300	100	6.253 290	~~45,30~~	**29,45**
M	300	100	6.253 291	~~45,30~~	**29,45**
L	300	100	6.253 292	~~45,30~~	**29,45**
XL	300	100	6.253 293	~~45,30~~	**29,45**
XXL	300	100	6.262 160	~~45,30~~	**29,45**

Cleanroom-Swabs

Cleanroom Swabs with polypropylene shaft and rounded head made of almost particle-free polyurethane or polyester. Packed dustfree in a cleanroom (ISO 5).

-20%

Length	Head size	Material Head	Package	PK	Cat. No.	Price	Now
mm	mm					EUR	EUR
125	12.7 x 25	PU-foam	double packed	100	4.659 074	~~32,10~~	**25,68**
125	12.7 x 25	Polyester	double packed	100	4.659 075	~~26,80~~	**21,44**
162	6.8 x 16.8	PU-foam	double packed	100	4.659 076	~~19,30~~	**15,44**
162	6.8 x 16.8	Polyester	double packed	100	4.659 077	~~19,30~~	**15,44**
70	4.0 x 12.0	Polyester	1 x 100 pcs.	100	4.659 078	~~11,30~~	**9,04**
70	3.5 x 11.0	PU-foam	1 x 100 pcs.	100	4.659 079	~~9,90~~	**7,92**
70	3.5 x 11.0	Polyester	1 x 100 pcs.	100	4.678 156	~~14,10~~	**11,28**

ESD clean room chair

- Backrest upholstered with leatherette, colour: black, (W top/bottom x H: 340/445 x 515 mm), backrest tilt: -10° to +8°
- Seat upholstered with leatherette, colour: black, (W back/front x D: 480/510 x 470 mm), seat tilt: -4° to +10°
- Column, chrome-plated, with column cover
- Five star base, polished with conductive dual castors
- Conductive chair for discharging static electricity electrical resistance: 6 x 10^6 Ohm
- Certified for class-5 clean rooms acc. to DIN EN ISO 14644-1
- 5 years warranty

-5%

Type	Seat height adjustment	PK	Cat. No.	Price	Now
	mm			EUR	EUR
WS 1720 RR ESD	510-630	1	4.661 513	~~696,00~~	**661,20**

Laboratory coat Kimtech™ A7 P+, PP

EN 1149

- Certified PPE Cat III acc. to directive 89/686/EEC
- Type 6 limited chemical splash protection
- Micro-organism protection tested
- EN1149-1:1995 Antistatic clothing
- High performance chemical resistant fabric
- Low lint fabric, Helmke Drum Category II
- 99 % particle and bacterial filtration efficiency
- Individually packed, 15 p. in an outer package for ISO 7 Grade C areas
- Silicon-Free
- Abrasion-resistant film-coated polypropylene
- Mandarin collar
- Elastic cuff, thumb-loops and extra-length arms
- High strength triple stitched seams

-40%

Size	PK	Cat. No.	Price	Now
			EUR	EUR
S	15	4.653 906	~~191,50~~	**114,90**
M	15	4.653 907	~~191,50~~	**114,90**
L	15	4.653 908	~~191,50~~	**114,90**
XL	15	4.653 909	~~191,50~~	**114,90**
XXL	15	4.653 910	~~191,50~~	**114,90**

LLG-Lab Stool

The extra-large seat provides optimum comfort. The solid black plastic star base and the upholstery edge protector that runs all the way round guarantee a long working life. The practical gas spring system with easy ring control allows a comfortable seat height adjustment.

- Resistant to all of the usual disinfectants and chemicals.
- Seat upholstery made of artificial leather, 400 mm diameter (soft and comfortable, washable and antibacterial) or soft-touch PU foam, 350 mm diameter (extremely robust, washable and antibacterial) in black.
- Extra-large seat: Encourages healthy posture and upright seating in the laboratory.
- Round front edge of the seat: Prevents blocked circulation in the thighs.
- Seat height adjustment by gas spring.
- Practical ring release: The height adjustment can be operated comfortably and easily in sitting position.
- Solid black plastic star base, flat design.
- The chrome-plated foot ring for the high chairs provides support through the wide tread area and can be easily and quickly adjusted in height.
- With certificate "Tested Safety" (GS mark).
- 10 years warranty, Made in Germany.

-20%

Material	Description	Seat height adjustment	PK	Cat. No.	Price	Now
		mm			EUR	EUR
PU foam	Castors	460 ... 630	1	6.287 757	~~159,00~~	**127,20**
Artificial leather	Castors	460 ... 630	1	6.287 758	~~155,00~~	**124,00**

Roller Steps, WEDO-Step, PP

Super easy to move thanks to three gliding rollers mounted on steel springs. When loaded, it stands immovably firm on its integrated rubber rim. Load capacity up to 150 kg. TÜV and GS-tested safety.

-30%

Colour	Int. diam.	Ext. diam.	Height	PK	Cat. No.	Price	Now
	mm	mm	mm			EUR	EUR
Blue	290	440	430	1	9.700 400	~~99,80~~	**69,86**
Red	290	440	430	1	9.700 401	~~99,80~~	**69,86**
Light grey	290	440	430	1	6.055 095	~~99,80~~	**69,86**

LLG-Lab Chair

Entry model for healthy sitting! The permanent contact backrest provides best support when working sitting down in the laboratory. The generously proportioned seat and backrest with integrated lumbar support provide additional support and therefore offer best laboratory ergonomics.

- Minimal joints: Hygienic design for easy cleaning and disinfection
- Resistant to disinfectants and chemicals: Resistant to all of the usual disinfectants and chemicals.
- Seat and backrest upholstery made of artificial leather (soft and comfortable, washable and antibacterial) or soft-touch PU foam (extremely robust, washable and antibacterial) in black.
- Quick adjustment: Every function can be operated comfortably and easy in sitting position.
- Seat height adjustment by gas spring.
- Permanent contact backrest.
- Backrest adjustable in height and inclination.
- Solid black plastic star base, flat design.
- The chrome-plated foot ring for the high chairs provides support through the wide tread area and can easily and quickly be adjusted in height.
- With certificate "Tested Safety" (GS mark).
- 10 years warranty, Made in Germany.

Accessories: Multifunctional armrests (pair): Adjustable in height, width and depth as well as swivelling.

-20%

Material	Description	Seat height adjustment	PK	Cat. No.	Price	Now
		mm			EUR	EUR
PU Foam	Castors	440-620	1	6.287 750	~~249,00~~	**199,20**
PU Foam	Stop and Go Castors, Foot Ring	620-890	1	6.287 752	~~299,00~~	**239,20**
Artificial Leather	Castors	440-620	1	6.287 753	~~245,00~~	**196,00**
Artificial Leather	Stop and Go Castors, Foot Ring	620-890	1	6.287 755	~~295,00~~	**236,00**
Plastic	Armrests	-	1	6.287 756	~~100,00~~	**80,00**

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

Laboratory and hygienic tissues in dispenser box

- Contains 150 white, double-ply tissues, 210 x 220 mm
- Highly absorbent and ultra-soft
- For sensitive application areas
- Matching acrylic wall mount can be ordered separately (6.286 594)

-5%

Package contents	PK	Cat. No.	Price	Now
			EUR	EUR
Carton of 30 boxes with 150 wipes	30	9.413 220	~~61,50~~	**58,43**

LLG-Cellulose tissue, supplied in stacks

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

-5%

Description	Width	Length	PK	Cat. No.	Price	Now
	mm	mm			EUR	EUR
unbleached	600	400	5	9.413 210	~~38,50~~	**36,58**
highly bleached	600	400	5	9.413 211	~~49,90~~	**47,41**

Draining racks, PE-coated wire

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

-30%

With	Internal dimensions (L x W x H)	PK	Cat. No.	Price	Now
	mm			EUR	EUR
60 bars and 5 arches	420 x 160 x 610	1	9.003 305	~~112,50~~	**78,75**
24 bars and 20 arches	420 x 160 x 610	1	9.003 320	~~137,30~~	**96,11**

Brushes, natural bristle

4.667 553

9.019 070

9.019 092

-35%

Type	Diam.	Length	PK	Cat. No.	Price	Now
	mm	mm			EUR	EUR
Erlenmeyer flask and bottle brush with head bundle	50	330	10	4.667 552	~~35,20~~	**22,88**
Erlenmeyer flask and bottle brush with head bundle	63	470	10	4.667 553	~~105,00~~	**68,25**
Beaker brush with wooden handle	85	390	1	9.019 070	~~23,40~~	**15,21**
Beaker brush with wooden handle	80	430	1	9.019 090	~~26,80~~	**17,42**
Beaker brush with extra long wooden handle	80	630	1	9.019 092	~~32,60~~	**21,19**

You can find our complete range on our website.

LLG-Absorbent, oil and chemical binder, granules

Universal chemical and oil binder for all liquids, also for solvents. Very high absorption capacity (up to 1:75 of aqueous solutions). Almost dust-free granules with colour indicator: colour changes to yellow in contact with acids, to red in contact with alkalis.
Disposal according to the pollutant recorded.

Capacity	Package	PK	Cat. No.	Price
kg				EUR
1.5	Square handle bottle	1	6.283 037	49,50
5.0	Bucket	1	6.270 479	139,90

Safety container, HDPE

4.005 682

Electrically conductive, with or without floater for level control.

Please note: The containers can be grounded with a suitable grounding cable (4.005 653, please order separately).

-10%

Capacity	Dimensions (W x D x H)	Thread	PK	Cat. No.	Price	Now
l	mm				EUR	EUR
10	185 x 290 x 265	S 60 / 61	1	4.005 602	~~54,90~~	49,41
20	185 x 290 x 500	S 60 / 61	1	4.005 671	~~74,90~~	67,41
30	240 x 364 x 455	S 60 / 61	1	4.664 150	~~99,90~~	89,91
10	185 x 290 x 265	S 60 / 61	1	4.005 682	~~109,90~~	98,10
20	185 x 290 x 500	S 60 / 61	1	4.005 683	~~139,90~~	125,10

* Without floater, with UN approval

LLG-Autoclavable Bags, PP, with Biohazard printing

Autoclavable bags imprinted with biohazard labelling. Made of polypropylene. Strong side seams for securely holding items. Front write-on panel. Autoclavable.

-25%

Width	Length	Capacity	Colour	Thickness	PK	Cat. No.	Price	Now
mm	mm	L		µm			EUR	EUR
310	660	12	transparent	45	50	9.404 050	~~36,00~~	27,00
415	600	14	transparent	45	50	9.404 051	~~43,50~~	32,63
610	810	35	transparent	45	50	9.404 052	~~73,90~~	55,43
500	600	20	red*	50	200	6.285 813	~~125,00~~	93,75
630	890	40	red*	50	200	6.285 814	~~234,20~~	175,65
910	1150	80	red*	50	100	6.285 815	~~216,30~~	162,23

* with sterilisation indicator

Mercury collector

Bürkle's mercury collector enables the easy collection of spilt mercury, which can then be used again. The mercury collector is composed of a PE tub. Within the screw cap lid there is a special plastic foam insert.

Description	PK	Cat. No.	Price
			EUR
Mercury collector	1	7.300 223	28,50
Replacement foam insert	1	7.300 224	4,80

Halogen Moisture Analyser DBS 60-3

Modern moisture analyser with 10 memories and graphic display

- Halogen quartz glass heater 400 W
- Backlit LCD display, digit height 15 mm: Previous drying time, current temperature, unit for displaying the results, current moisture content in %, drying mode/Status display drying
- Observation window over the sample, useful during initial adjustment
- Internal memory for automatic sequence of 10 drying programs and 100 drying processes carried out
- Sample description for up to 99 samples, 2 digits, freely programmable, and is printed in the measuring protocol
- Date and time display as standard
- 10 sample plates included

Specifications

Readability:	0.01 % or 0.001 g
Weighing range, max:	60 g
Reproducibility, weight of sample 2 g:	0.15 %
Reproducibility, weight of sample 10 g:	0.02 %
Temperature range:	50 ... 200 °C
Dimensions (W x D x H):	204 x 336 x 167 mm

-10%

Type	PK	Cat. No.	Price	Now
			EUR	EUR
DBS 60-3	1	9.901 441	~~1.750,00~~	**1.575,00**

Analytical balances Adventurer® AX

- Fast stabilisation and reliable operation.
- Two USB ports with GLP/GMP tracking function for data monitoring and transmission.
- The touch screen with wide reading angle allows access to all applications
- AutoCal™ automatic internal calibration system.
- Construction: metal platform, ABS housing top, stainless steel weighing plate, glass draft shield with two top-mounted side doors and one sliding door on top, replaceable work protection cover
- Features: Two-part, top-mounted, space-saving draft shield with removable panels. Illuminated level control. Integrated underfloor weighing hook. Fully covering work guard cover. Software lock switch

Specifications

Readability:	0.1 mg
Ø weighing plate:	90 mm
Power supply:	100...240 V/50/60 Hz

-15%

Type	Weighing range	PK	Cat. No.	Price	Now
	g			EUR	EUR
AX124	120	1	6.268 193	~~2.685,00~~	**2.282,25**
AX224	220	1	6.268 196	~~2.795,00~~	**2.375,75**
AX324	320	1	6.268 199	~~2.970,00~~	**2.524,50**

Precision balances EFS

- **High Quality**
- **Cost-efficient Entry-model**

For use in schools and universities.

- LCD display
- Easy 2-button operation
- Tare function
- Flat design
- Space saving, stackable
- Rubber feet for non-slip placement
- Battery operation

NEW

EFS 200-1S05

-10%

Type	Weighing range	Readability	Reproduci-bility	Linearity	Plate dimensions	PK	Cat. No.	Price	Now
	g	g	g	± g	mm			EUR	EUR
EFS 200-1	220	0.1	0.1	0.3	134 x 127	1	4.687 505	~~41,00~~	**36,90**
EFS 500-2	500	0.01	0.01	0.03	134 x 127	1	4.687 508	~~121,00~~	**108,90**
EFS 600-1	620	0.1	0.1	0.3	134 x 127	1	4.687 509	~~41,00~~	**36,90**
EFS 2000-0	2200	1	1	3	134 x 127	1	4.687 504	~~41,50~~	**37,35**
EFS 3000-1	3000	0.1	0.1	0.3	134 x 127	1	4.687 506	~~104,00~~	**93,60**
EFS 5000-0	5200	1	1	3	134 x 127	1	4.687 507	~~41,40~~	**37,26**

Mikrocentrifuge Frontier™ FC5513-K

Compact high-speed microcentrifuge with modern touch-wheel for comfortable operation and reduced wear.

- Backlit, two-lined LCD display
- Powerfull brushless induction motor
- 10 acceleration and deceleration rates
- Memory for up to 99 parameters
- Imbalance sensor
- Lid locking system

Scope of supply:
Centrifuge, angle rotor for 24 x 1.5/2.0 ml tubes

Specifications

Max. RCF:	17317 x g
Max. Speed:	200 ... 13500 rpm
Max. Load:	24 x 1.5/2.0 ml
Timer:	10 s ... 99 h 59 min 59 s, continuous
Power consumption:	170 W
Dimensions (W x D x H):	277 x 356 x 236 mm
Weight:	12.6 kg
Power supply:	230 V, 50/60 Hz

-15%

Type	PK	Cat. No.	Price EUR	Now EUR
FC5513-K	1	6.323 158	~~1.665,00~~	**1.415,25**

Microcentrifuge Prism™ R

Cooling Centrifuge including Rotor

Operation can be timed, continuous or momentary, using the "quick" button. Vibration free operation is ensured by an isolation system. In the event of a significant imbalance, operation of the centrifuge is automatically stopped.

Specifications

Max. RCF:	17135 xg
Max. speed:	500 ... 13500 rpm
Max. capacity:	24 x 1.5/2.0 ml
Cooling temperature:	-10 ... 40 °C
Timer:	0.5 ... 99 minutes or continuous, "Quick" button for momentary operation
Power consumption:	500 W
Dimensions (W x D x H):	277 x 450 x 247.5 mm
Weight:	20 kg
Power supply:	230 V, 50 Hz or 120 V, 60 Hz

-18%

Description	PK	Cat. No.	Price EUR	Now EUR
Prism™ R ambient microcentrifuge with 24 place rotor and cooling	1	9.945 793	~~4.664,00~~	**3.824,48**

Mini centrifuges LLG-uni*CFUGE* 2

Compact and Cost-efficient

With **Universal rotor** for 6 x 1.5/2.0 ml and 6 x 0.5 ml tubes and 2 times 8 x 0.2 ml PCR-stripes.

Scope of supply: Centrifuge, mains cable

Specifications

Max. RCF:	1200 x g
Max. speed:	4000 rpm
Motor:	brushless DC motor
Max. load:	6 x 0.5/1.5/2 ml and 2 x 8-tube PCR strips (0.2 ml) tubes
Dimensions (diam. x H):	140 x 120 mm
Weight:	0.7 kg
Power supply:	100 ... 240 V, 50/60 Hz

-40%

Description	Plug type	PK	Cat. No.	Price EUR	Now EUR
LLG-uni*CFUGE* 2 with universal rotor	EU	1	6.263 510	~~225,00~~	**130,00**

LLG-Microcentrifuge tubes, PP, with Safe-Lock lid

NEW

With tight-fitting Safe-Lock lid, which prevents unintentional opening of the lid during centrifugation.

- Frosted labelling area on the lid
- Lid membrane can be easily pierced
- Easy opening and closing with one hand
- Graduation lines for visual volume control
- RNase- and DNase-free

-15%

Volume ml	Form	Max. rcf x g	Temp. range °C	PK	Cat. No.	Price EUR	Now EUR
1.5	Conical	1500	-86 ... 121	1000	6.490 852	~~22,00~~	**18,70**
2.0	Round	1500	-86 ... 121	1000	6.490 853	~~25,00~~	**21,25**

Rotary evaporator packages RV 3 pro V Complete, RV 8 pro V Complete and RV 10 digital pro V Complete

IKA®

Complete Set

Paket RV 8 pro V Complete

Complete solution for a rotary evaporator set-up with rotary evaporator including heating bath, glassware set, vacuum pump, vacuum controller and circulation cooler. Package includes heating bath HB eco (RV3) or HB digital (RV8, RV10).

- With extremely space-saving vacuum pump VACSTAR digital, which achieves a minimum vacuum of 2 mbar.
- Control is via the vacuum controller VC 10 lite. In addition to controlling the RC 2 lite recirculating cooler, it also enables manual input of the vacuum setpoint and programme-controlled operation.
- The compact RC 2 lite recirculating chiller with a powerful 400 W cooling capacity and a powerful pressure and suction pump (0.35 bar) is designed for simple cooling tasks down to -10 °C.

Scope of delivery: RV3, RV8 or RV10 rotary evaporator, VACSTAR digital vacuum pump, VC 10 lite vacuum controller, RC 2 lite circulating cooler, stand rod or table stand (RV10), RV 10.5005 hose set, PC 1.3 data cable.

-5%

Type	PK	Cat. No.	Price	Now
			EUR	EUR
RV 3 pro V Complete	1	4.687 532	~~7.898,00~~	**7.503,10**
RV 8 pro V Complete	1	4.687 533	~~9.504,00~~	**9.028,80**
RV 10 digital pro V Complete	1	4.687 534	~~10.505,00~~	**9.979,75**

Evaporating flasks with conical ground joint, DURAN®

Lenz Laborglas GmbH & Co. KG

Especially for rotary evaporators, with center neck and conical joint, pear-shaped, material: DURAN®

-15%

Nominal capacity	Socket	Flask diam.	PK	Cat. No.	Price	Now
ml	NS	mm			EUR	EUR
50	29/32	56	1	9.196 020	~~19,90~~	**16,92**
100	29/32	60	1	9.196 024	~~24,20~~	**20,57**
250	29/32	81	1	9.196 036	~~42,10~~	**35,79**
500	29/32	101	1	9.196 044	~~48,50~~	**41,23**
1000	29/32	126	1	9.196 054	~~69,80~~	**59,33**
2000	29/32	158	1	9.196 063	~~91,80~~	**78,03**

LLG-Fork clamps for spherical joints

LLG LABWARE

Made of stainless steel 304.
For spherical ground joint connections.
With set screw.

-15%

Size	PK	Cat. No.	Price	Now
			EUR	EUR
S19	1	9.011 798	~~11,30~~	**9,61**
S29	1	9.011 799	~~12,80~~	**10,88**
S35	1	9.011 800	~~16,40~~	**13,94**

Flask rings, pressed cork

-30%

Height 30 mm.

For flasks	Ext. diam.	Int. diam.	PK	Cat. No.	Price	Now
ml	mm	mm			EUR	EUR
10 ... 100	80	30	10	4.667 531	~~25,80~~	**18,06**
250 ... 500	110	60	10	4.667 532	~~35,70~~	**24,99**
1000 ... 2000	140	90	10	4.667 533	~~52,20~~	**36,54**
3000	170	120	10	4.667 534	~~67,80~~	**47,46**
4000	210	150	1	9.143 015	~~19,50~~	**13,65**

Orbital shaker LLG-uni*SHAKER* 25

Up to 25 kg Load

Powerful and smooth running orbital shaker.
Digital display for speed and time. Two different platforms (610 x 460 mm or 760 x 460 mm) and 7 clamps for vessels from 25 to 2000 ml available.
Please order platforms and clamps separately.

- **Maximum load 25 kg**
- Sturdy and robust steel housing
- Digital display with speed and time settings
- Variable speed from 50 to 500 rpm
- Orbital Diameter of 25 mm for thorough mixing
- Timer setting from 1 to 99 min and continuous mode
- Various platforms and brackets available

Scope of supply: shaker, mains cable

Specifications

Type of movement:	orbital
Orbital diameter:	25 mm
Speed range:	50 ... 500 rpm
Max. load:	25 kg
Motor:	brushless DC motor
Timer:	1 ... 99 min, continuous
Power consumption:	250 W
Permissible ambient temperature:	4 ... 75 °C
Dimensions (W x D x H):	600 x 550 x 150 mm
Weight:	48 kg
Power supply:	230 V, 50 Hz

-10%

Type	Plug type	PK	Cat. No.	Price EUR	Now EUR
LLG-uni*SHAKER* 25	EU	1	6.263 590	~~2.460,00~~	**2.214,00**

Orbital shaker for CO_2 Incubators

Ideal for Cell Culture Applications

Orbital shaker for experiments with tissue cultures and cultivations of eukaryotic cells in CO_2 Incubators.

- Different platforms are available (must be ordered separately)
- With remote controller for protection of the electronics
- Brushless motor with a guaranteed life time of 35000 hours

Specifications

Type of movement:	orbital
Orbit:	20 mm
Max. Load:	3.0 kg
Speed range:	50 ... 250 rpm
Timer range:	1 min ... 96 h or non-stop
Dimensions (W x D x H):	255 x 255 x 100 mm
Weight:	3.4 kg
Power supply:	100 ... 240 V, 50/60 Hz

Type	PK	Cat. No.	Price EUR
CPS-20	1	4.684 290	**1.750,00**

Accessories LLG-uni*SHAKER* 25

6.263 589

-15%

Description	PK	Cat. No.	Price EUR	Now EUR
Universal attachment, 610 x 460 mm	1	6.263 591	~~455,00~~	**386,75**
Universal attachment, 610 x 460 mm, with securing bars	1	6.263 589	~~565,00~~	**480,25**
Universal attachment, 760 x 460 mm	1	6.263 592	~~625,00~~	**531,25**
Clamp, 100 ml	1	6.263 593	~~27,00~~	**22,95**
Clamp, 250 ml	1	6.263 594	~~33,00~~	**28,05**
Clamp, 500 ml	1	6.263 595	~~43,00~~	**36,55**
Adhesive rubber mat, blue, 150 x 150 x 3 mm	2	6.263 598	~~43,00~~	**36,55**

Platforms CPS-20

PUP-12

Type	Description	PK	Cat. No.	Price EUR
Bio PP-4	Flat platform, working area 230 x 230 mm	1	9.721 018	**64,00**
PUP-12	Universal platform, working area 270 x 195 mm	1	9.721 021	**167,00**
P12-100	Platform with clamps for 12 x 100 ml flasks / 150 ml beakers	1	9.721 023	**267,00**
P6-250	Platform with clamps for 6 x 250 ml flasks / 300 ml beakers	1	9.721 024	**250,00**
P16-88	Platform with spring holders for 88 tubes up to 30 mm	1	9.721 049	**306,00**

Shaking water baths LSB Aqua Pro

grant

User-friendly, linear shaking bath with high flexibility.

- Excellent temperature stability and uniformity of ±0.1 °C
- Set and Forget™ technology, fast heat-up accurate temperature control
- Extensive choice of trays for a wide variety of vessels. Trays sold separately
- Discreet magnetically coupled shaking mechanism maximises working area
- Advanced dry start/run dry protection, prevents costly service repairs
- Universal frame and polycarbonate lid included

Minimum working depth:	60mm
Temperature range:	ambient +5 to 99 °C
Display:	LED
Linear shaking speed:	20 to 200rpm (depending on load)
Shaking speed display resolution:	1 rpm
Linear shaking stroke length:	20 mm
Timer:	1 to 999 min
Drain tap:	yes
Supply voltage:	220-230 V

-5%

Type	Capacity of the bath	External dimensions (W x D x H)	PK	Cat. No.	Price	Now
	litres	mm			EUR	EUR
LSB12	12	360 x 380 x 275	1	6.264 684	~~2.810,00~~	**2.669,50**
LSB18	18	335 x 565 x 275	1	6.264 685	~~3.219,00~~	**3.058,05**

Immersion circulator

PolyScience®

Immersion circulator for all kinds of water baths. It clamps securely to both straight and curved tank walls. The patented, closed housing protects the user and the heating element.

- Temperature stability ±0.07 °C
- Minimum working depth 7.5inch/19 cm
- Large LCD-display
- Display resolution 0.1 °C
- Displays actual and set point temperature simultaneously
- Integrated pump and heating protection, overtemperature protection and low-level protection
- Included clamp for straight and curved tank walls
- Maximum pressure 0.12 bar/1.8 psi with a maximum pressure flow rate of 11.9 l/min

-20%

Type	Dimensions (W x D x H)	Temp. range	PK	Cat. No.	Price	Now
	mm	max. °C			EUR	EUR
MX	109 x 97 x 358	135	1	6.281 081	~~1.237,90~~	**990,32**

Water baths PURA™

Julabo

Flexible in use for all purposes in research and quality control. All PURA™ water baths (except PURA™ 4) have an integrated drain screw. The bright, easy-to-read white LED display is clearly visible, even from a distance. With integrated side recessed grips for easy transport and non-slip rubber feet for safe standing. The complete interior surface of the water baths can be used, as there are no installation elements in the interior.

- Including platform
- Integrated timer
- Bright display with membrane keypad
- Splash-proof
- Built-in dry-running protection

Please order hinged bath cover separately.

Working temperature range:	18 ... 99.9 °C
Temperature stability:	±0.15 °C
Power supply:	230 V, 50 ... 60 Hz

Type	Capacity of the bath	External dimensions (W x D x H)	PK	Cat. No.	Price
	litres	mm			EUR
PURA™ 4	0.8 ... 4.5	210 x 350 x 220	1	4.667 880	**815,00**
PURA™ 10	1.4 ... 9.5	310 x 350 x 220	1	4.667 881	**934,00**
PURA™ 14	2.0 ... 14.0	420 x 350 x 220	1	4.667 882	**967,00**
PURA™ 22	3.4 ... 25.5	640 x 350 x 260	1	4.667 883	**1.062,00**
PURA™ 30	4.8 ... 36.0	860 x 350 x 260	1	4.667 884	**1.276,00**

Hinged bath cover for Water baths, PURA™

For	PK	Cat. No.	Price
			EUR
PURA™ 4	1	9.857 931	**143,00**
PURA™ 10	1	9.857 932	**180,00**
PURA™ 14	1	9.857 933	**191,00**
PURA™ 22	1	9.857 934	**233,00**
PURA™ 30	1	9.857 935	**282,00**

You can find our complete range on our website.

Muffle furnaces series L 1/12 - L 40/12, max. 1200 °C, with flap door

Nabertherm
MORE THAN HEAT 30-3000 °C

Max. temperature 1200 °C. Flap door can be used as work platform.

- Adjustable supply air opening in the door
- Exhaust air opening in the rear wall of the oven
- Equipped with programmable controllers B 510 (with touch panel, 5 programmes with 4 segments each); L 1/12 with controller R 7 (continuous operation)
- Standard connection 220-240 V 1/N/PE 50/60 Hz

-10%

Type	Nom. capacity	External dimensions (W x D x H)	Power consumption	PK	Cat. No.	Price	Now
	L	mm	W			EUR	EUR
L 1/12/R7	1	290 x 280 x 430	1500	1	4.675 300	~~2.270,00~~	**2.043,00**
L 3/12/B510	3	385 x 330 x 405	1200	1	6.201 618	~~3.750,00~~	**3.375,00**
L 5/12/B510	5	385 x 390 x 460	2400	1	6.223 409	~~4.510,00~~	**4.059,00**
L 9/12/B510	9	415 x 455 x 515	3000	1	6.226 450	~~5.200,00~~	**4.680,00**
L 15/12/B510	15	415 x 555 x 515	3200	1	6.233 463	~~5.450,00~~	**4.905,00**
L 24/12/B510*	24	490 x 555 x 580	4500	1	6.265 211	~~7.360,00~~	**6.624,00**
L 40/12/B510*	40	530 x 705 x 580	6000	1	6.234 225	~~7.710,00~~	**6.939,00**

* 400 V 3/N/PE 50/60 Hz connector as standard

Multiposition magnetic stirrer with heating Multi-HS digital

VELP SCIENTIFICA

For synchronous stirring and heating at homogeneous temperatures up to 120 °C.

- CerAlTop™ plate - easy cleaning and maximum resistance
- Brushless motor guarantees constant speed
- SpeedServo™ technology maintains speed constant when viscosity changes
- Programmable auto-reverse of the stirring direction
- Safe hot plate warnings when the plate temperature is above 50 °C
- The Lock feature prevents unintentional changes

Specifications	**Multi-HS 6 // Multi-HS 15**
Max. stirring quantity per stirring position (H_2O):	400 ml // 250 ml
Number of stirring positions:	6 // 15
Temperature range:	0 ... 120 °C
Speed range:	100 ... 1000 rpm
Timer:	1 min ... 99 h : 59 min
Plate dimension:	223 x 432 mm
Distance between stirring positions:	100 mm // 74 mm
Dimensions (W x D x H):	240 x 550 x 65 mm
Weight:	4.7 kg // 4.8 kg
Power rating:	620 W
Heating output:	600 W
Power supply:	230 V/50 ... 60 Hz

-10%

Type	PK	Cat. No.	Price	Now
			EUR	EUR
Multi-HS 6	1	4.678 195	~~1.530,00~~	**1.377,00**
Multi-HS 15	1	4.678 196	~~2.430,00~~	**2.187,00**

Standard heating mantles series KM-G

ISOHEAT®

LabHEAT®-Heating mantles for flasks, round bottom. Flexible glass yarn heating element, outer jacket in glass silk, with diam. 60mm bottom out-let from 500 ml, max. heating element temperature 450 °C, 1.5 m power supply (earthed) cable with heating-zone switch and RCD (residual current detection), nominal voltage 230 V AC.

-10%

Capacity	Flask diam.	Rating	Heating zones	PK	Cat. No.	Price	Now
ml	mm	W				EUR	EUR
25	41	65	1	1	9.642 401	~~279,00~~	**251,10**
50	51	75	1	1	9.642 402	~~284,00~~	**241,40**
100	64	120	1	1	9.642 403	~~286,00~~	**243,10**
250	85	180	2	1	9.642 404	~~289,00~~	**245,65**
500	105	250	2	1	9.642 405	~~298,00~~	**253,30**
1000	131	450	2	1	9.642 406	~~334,00~~	**283,90**
2000	166	600	2	1	9.642 407	~~394,00~~	**334,90**

Heating mantles with other specifications available on request.

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labnet@labnet.fi

partner of the LLG Lab Logistics Group

LABORTOPS

Magnetic stirrer Hei-PLATE Mix 'n' Heat Core+, LLG Premium Line, incl. temperature sensor Pt1000 with holder, support rod and silicone cover

Made in Germany

WARRANTY 3 YEARS

LLG Premium Line by heidolph

heidolph research made easy

- **LLG Premium Line**
- **Complete Set**
- **Made in Germany**

The LLG Premium Line is our best selection of high quality and proven devices from our top suppliers.

- The sealed housing protects the electronic and mechanical components from aggressive chemicals and liquids
- The patented Kera-Disk® hot plate made of anodized aluminum is chemical-resistant, scratch-resistant and allows fast heating rates
- Accurate to the degree adjustment of the desired hotplate temperature by turn-push-button
- Precise setting options and monitoring of the device parameters via the digital display
- Fast and precise temperature control without overshoot via two selectable heating modes (FAST/PRECISE) and the Pt1000 temperature sensor
- Compatible with EKT Hei-Con contact thermometers for external controlling and display of actual temperature values
- In case the heating function fails, stirring will not be discontinued to prevent bumping
- The locking function protects against accidental changing of the values
- In case of a short-circuit, damage to the temperature sensor or disorder of the process, the unit powers off completely
- An independent second safety circuit switches off heating in case of any overtemperature situation
- Optical residual heat warning at temperatures >50 °C

Scope of supply: Magnetic stirrer Hei-PLATE Mix 'n' Heat Core+, temperature sensor Pt1000 (V4A), holder for Pt1000 (incl. support rod, retainer with cable guide), silicone cover

Specifications

Stirring quantity (H_2O):	20 l
Speed range:	100 ... 1400 rpm
Heating power:	800 W
Temperature range:	20 ... 300 °C
Permissible ambient temperature:	5 ... 31 °C
Permissible relative moisture:	80 %
Plate dimensions:	Ø 145 mm
Dimensions (W x D x H):	168 x 299 x 101 mm
Weight:	3 kg
Power supply:	230 V
IP code:	IP 42

-20%

Type	PK	Cat. No.	Price EUR	Now EUR
Hei-PLATE Mix 'n' Heat Core+	1	6.490 528	~~963,00~~	**770,40**

All prices exclusive VAT or other local taxes. Prices valid until 30.06.2023. E & OE. Due to high demand temporary shortages can occur.