

Стерилизаторы инокуляционных петель, стерилизаторы суховоздушные, горелки CARL ROTH

Технические характеристики

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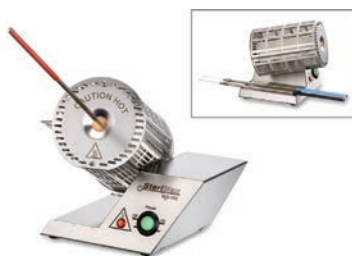
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Inoculation loop sterilisers



Infrared sterilising station SteriMax series

WLD-TEC.

For annealing inoculation loops, needles and instruments. For laboratories and safety work benches, in which gas and naked flames are not allowed to be used. The inoculation loop is held in the quartz glass annealing tube for annealing. The inoculation loop is sterilised after approx. five to seven seconds.

- Made of stainless steel
- Residual heat display warns users of high temperatures
- With adjustment at seven angles
- Integrated splash guard
- Storage for three instruments

Technical specifications:

Art. No.	KL88.1	LH89.1
Type	SteriMax 15	SteriMax 21
Temperature range	900 to 950 °C	
Ø Internal	15 mm	21 mm
Inner length	118 mm	161 mm
Warm-up period	7–9 min	
Performance	160 W	225 W
Width	175 mm	
Depth	139 mm	169 mm
Height	129 mm	
Weight	960 g	1060 g
Mains connection	230 V, 50/60 Hz	

Type	Art. No.	Pack Qty.
SteriMax 15	KL88.1	1 unit(s)
SteriMax 21	LH89.1	1 unit(s)



Infrared inoculation loop steriliser SteriMax smart

WLD-TEC.

Specially focussed infrared light creates an IR hotspot and sterilises inoculation loops at a temperature from 750 to 1000 °C within 5–10 s.

- Auto start by non-contact IR sensor technology
- Adjustable sterilisation and cool-down timer for two users via touch operation
- Ready for use straight from the box without heat-up phase
- Dynamic Thermocontrol sterilisation timer for the utilisation of residual heat to speed up subsequent sterilisation cycles
- Housing made of special toughened glass and stainless steel
- With removable quartz glass annealing tube

Technical specifications:

Art. No.	ACN7.1
Type	SteriMax smart
Temperature range	750 to 1000 °C
Ø ext.	19 mm
Ø Internal	16 mm
Inner length	112 mm
Timer function	Sterilisation timer: 5–10 s Inoculation loop cool-down timer: 0–25 s
Safety devices	Residual heat indicator, overtemperature protection and autom. unit switch-off
Performance	600 W
Heat source	IR halogen spotlamp
Width	110 mm
Depth	200 mm
Height	170 mm
Weight	1800 g
Mains connection	220–240 V, 50/60 Hz

Delivery incl. quartz glass annealing tube, inoculation loop holder with inoculation loop Ø 3 mm and holders for three inoculation loop holders.

Type	Art. No.	Pack Qty.
SteriMax smart	ACN7.1	1 unit(s)



Hot air sterilisers



Hot air sterilisers

Suitable for dry sterilisation of instruments. The units are filled with approx. 310 g glass beads and reach a temperature of approx. 240 °C. Sterilisation time: 10-30 seconds. Glass beads are included in the scope of supply.

Small version, 70 W

Power 70 W. Heating time 15 min. Inside-Ø 50 mm. Outside dimensions: L 140 x W 120 x H 140 mm.

Type	Art. No.	Pack Qty.	
without timer	E996.1	1 unit(s)	
with timer (30 s)	E997.1	1 unit(s)	

Large version, 100 W

Power 100 W. Heating time 30 min. Inside Ø 70 mm. Outside dimensions: L 195 x W 145 x H 154 mm.

Type	Art. No.	Pack Qty.	
without timer	E998.1	1 unit(s)	
with timer (30 s)	E999.1	1 unit(s)	



Electrical Bunsen burners BA6101

Electrothermal.

Suitable for laboratories in which no gas and naked flames are allowed to be used. Ideal for heating test tubes, crucibles, small bottles and beakers. Max. temperature of 800 °C. The ceramic heating element is located in the upper part of the stainless steel cylinder. 80 % of max. temperature is reached in approx. 4 min and maximum temperature is reached in approx. 12 min.

Heating element: Inner dimensions (Ø x H): 60 x 45 mm,

Chimney: Outer dimensions (Ø x H): 120 x 180 mm

Heat output regulator MC5: With special sleeve for attaching a stand rod (max. Ø. 12.5 mm) and indicator lights for „Power On“ and „Output regulator operation“.

Dimensions of heat output regulator (W x D x H): 95 x 130 x 105 mm.

Technical specifications:

Art. No.	YL73.1
Temperature range	to +800 °C
Performance	480 W
Mains connection	220 V, 50/60 Hz

Delivery incl. heat output regulator MC5.

Type	Art. No.	Pack Qty.	
BA6101	YL73.1	1 unit(s)	



Infrared burner IRB 1

Edmund Bühler.

Compact and highly efficient thanks to IR emitter technology. Ideal for fast, contactless heating tasks in laboratories, factories and schools. On/off switch with indicator light. Housing remains cool. Infrared emitter element has a long service life. Additional output regulator available. Max. temperature of the **heating surface is 750 °C**. Connection values: 250 W, 230 V. Dimensions: L 100 mm x W 100 mm x H 100 mm, weight 850 g.

Type	Art. No.	Pack Qty.	
IRB 1	L487.1	1 unit(s)	

Accessories for IRB series infrared burners

Edmund Bühler.

Output regulator

Designation	Art. No.	Pack Qty.	
Output regulator	L488.1	1 unit(s)	

Stand rod for IRB 1 & 2

Designation	Art. No.	Pack Qty.	
Stand rod for IRB 1 & 2	L489.1	1 unit(s)	



Infrared burner IRB 2

Edmund Bühler.

Infrared heater for high temperatures up to **900 °C**. **With integrated output control**, for variable adjustment between 0 and 100 %. Fast and even heating **with no open flame**. Electronic parts are protected against overflowing liquids. Additional side protection of the burner. With ceramic heating element and protection against overheating. Safe-to-touch housing. **Integrated handholds** for safe transport. Connection values: 800 W/230 V. Dimensions: W 150 mm x D 150 mm x H 170 mm, weight approx. 2250 g.

Delivery incl. cross recess enables flat vessels to be laid directly on the heating element.

Type	Art. No.	Pack Qty.	
IRB 1	P910.1	1 unit(s)	

Accessories for IRB series infrared burners

Edmund Bühler.

Stand rod for IRB 1 & 2

Designation	Art. No.	Pack Qty.	
Stand rod for IRB 1 & 2	L489.1	1 unit(s)	

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