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JUCHHEIM
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Temperatur · Druck · Feuchte

Laboratory heating bath

HB 1500

- **The economically-priced resolution**
- **Simplest handling**

The heating bath HB 1500 is developed for varied tasks. As bath filling water, oils and sand is used. Different sizes are deliverable!

The device has an integrated temperature controller with microprocessor. It is freely programmable and has also self optimization function and rampfunction!

- Microprocessor controller with 4-digits 7-segment display, 10 mm high, green,
- With selfoptimization and rampfunction
- Measurement and control range +20,0 to +260,0°C
- On-Off switch is light up green
- Setting of heat power from 1 to 99%
- Irreversible rapid shut-down when reaching the security temperature

Technical datas:

Dimensons:	large	medium	small
Housing:	250x250x60 mm	220x220x60 mm	220x220x60 mm
Total height:	280 mm	255 mm	230 mm
Pot-$\varnothing$ /H.:	280/180 mm	240/150 mm	200/110 mm
Heating power:	230V/2000W	230/V/1500W	230V/1500W
Maximal temperature:	+250°C	+250°C	+250°C
Weight:	8,6 kg	5,8 kg	5,4 kg

A Measurement circuit protection for over- or understepping the measurement range, as well as a Sensor-/Line short-cut is self-evident.

The sensor is installed at the bottom of the pot, but an external sensor is useable by turn-over the switch "External Pt100". The socket for the sensor, as well as the switch is installed on the frontside of the HB 1500.

The device is completely maintenance-free, RFI protection grade is better than „K"

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Laboratory heating bath

HB 1500-S

- **With security temperature monitoring for operations at night**

The heating bath HB 1500 is developed for varied tasks. As bath filling water, oils and sand is used. Different sizes are deliverable!

The device has a second temperature controller with microprocessor. The upper one is a security controller. If the temperature reaches the programmed security temperature it shuts-down in all-poles and irreversible. The temperature sensor is installt at the bottom of the pot.

With the lower controller the needed temperature is programmed. Two temperature evaluations are possible: Measuring with the installed sensor on the bottom of the pot (wich is assigned to 2x Pt 100) or with an external sensor, which is connectable at the frontside of the HB 1500-S by a socket on the frontside. After switching the yellow "External Pt 100" LED lights up. Every common temperatur sensor Pt 100 can be used.

The controller is freely configurable and offers the possibility of selfoptimization and has a rampfunction.

Technical datas:

Dimensions:	large	medium	small
Housing:	250 x 250 x 60 mm,	220x220x60 mm	220x220x60mm
Total height:	280 mm	255 mm	230 mm
Pot-$\varnothing$/H.:	280 mm/180 mm	240 mm/150mm	200/110mm
Heating power:	230V/2000W	230V/1500W	230V/1500W
Maximal temperature:	+260°C	+260°C	+260°C
Weight:	8,6 kg	5,8 kg	5,4 kg

- Microprocessor controller with 4-digits 7-segment display, 10 mm high, green
- With selfoptimization and rampfunction
- Setting of heat power from 2 to 99%

The device is completely maintenance-free, RFI protection grade is better than „K"