KISS 220B

Heating Bath with KISS-Controller, consisting of insulated stainless steel bath with stainless steel housing. Powerful pressure and suction pump made of industrial plastic material. Temperature range up to 200°C. Bath bridge with hole for cooling probe (e.g. for immersion cooler TC45-TC100E). With adjustable overtemperature protection according to DIN 12876.

NEW: KISS controller:
KISS combines state-of-the-art technology with simple operation and stylish design. Models with KISS controller are suitable for routine tasks in research and industry and are convincing as practice oriented basic equipment:

* Large, bright OLED display
* Simple operation with menu navigation
* Simultaneous display of set point, internal temperature, Tmin and Tmax
* Status displays for pump, cooling and heating
* USB (Device) and RS232 interfaces
* Overtemperature protection, Safety class 3 (FL)
* Autostart function for power failure
* 3 colour versions available: grey (standard), blue, red

Option: Pt100 sensor connection #10688 to display (not control) e.g. of the process temperature (only available factory fitted, additional charge).

3-2-2 warranty - registration required.

Technical data according to DIN 12876

Operating temperature range	25...200 °C
with water cooling	20...200 °C
with refrigerator	-30...200 °C
Temperature stability at 70°C	0,05 K
temperature set point / display	digital
Absolute accuracy	setup for calibration
Internal temperature sensor	Pt100
Alarm message	optic, acoustic
Safety classification	Class III / FL
Heating power	2 kW
max. delivery	14 l/min
max. delivery pressure	0,25 bar
max. delivery (suction)	10,5 l/min
max. delivery pressure (suction)	0,17 bar
Pump connenction (optional)	M16x1 male
Bath volume	20 l
Filling capacity	20 l
Height of bath opening	205 mm
Width bath opening WxD/ bath depth	290x329/ 150 mm
Overall dimensions WxDxH **	350x555x375 mm
Net weight	14 kg
Power supply requirement	230V 1~ 50/60Hz
max. current	10 A
min. Fuse	10A
max. Fuse	16A
Degree of Protection	IP20
min. ambient temperature	5 °C
max. ambient temperature	40 °C

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Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

Included Accessories:
bath bridge , cover for bath bridge #40836

Optional accessories:
pump adaptor #19607, cooling coil #30564, drain valve #6839, hose connector NW8/NW12, nozzle #33288, test tube racks Typ 1-4, holder for immersion cooler TC45(E) - TC100(E) #14562, temperature control / - connection hoses, thermofluids, various bath cover, further accessories, etc.: see catalog.

Technical data according to DIN 12876

Output data valid for: Room temperature 20°C

In accordance with EN60034-1 the following voltage and frequency tolerances are valid:
Voltage + / - 10%, as long as the frequency tolerance does not run in the opposite direction.
Example: -10% voltage and +3% frequency -> not allowed !
-10% voltage and -3% frequency -> allowed.

Information to Electromagnetic compatibility:
Classification (disturbance) to EN55011: Class A, Group 1

Special Case: Acetone and Polyglycol: The plastic pump is not resistant against acetone and polyglycols (depending on the manufacturer). It is recommended that water is mixed with either glysantine or ethylene glycol for freeze protection. A more resistant plastic is available on request at an additional cost.

Standard delivery conditions - Power cable configuration:
1. Single-phase devices (230V/115V) -> with cable and plug
2. Three-phase devices with current consumption less than 63A -> with cable, without plug
3. Three-phase devices with current consumption greater than 63A -> without cable, without plug

** Please respect space requirements. See operating conditions at www.huber-online.com