

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 connection (optional) | M16x1 male |
| Bath volume | 25 l |
| Filling capacity | 25 l |
| Height of bath opening | 255 mm |
| Width bath opening WxD/ bath depth | 290x329/ 200 mm |
| Overall dimensions WxDxH ** | 350x555x425 mm |
| Net weight | 16 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 |



Order-No.: 2038.0049.98

from Serial-No.:

267665

1.0/17

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 #19595, 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