

Immersion Thermostat with MPC-Controller. Powerful pressure and suction pump made of industrial plastic material. Moistened parts in stainless steel or plastics. With adjustable overtemperature protection according to DIN 12876.

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 glysantin or ethylene glycol for freeze protection. A more resistant plastic is available on request at an additional cost.

### MPC-Controller:

Modern and easy to use microprocessor controller with a large temperature display.

Limited to essential functions only:

- \* Simple operation using only 3 keys
- \* Large temperature display, actual temperature and set point
- \* LED indicators for pump, cooling and heating
- \* RS232/serial with the LAI commands G,v,L; (SpyLight compatible)

### 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 adjustment	digital
Temperature indication	digital
Internal temperature sensor	Pt100
Safety classification	Class III / FL
Heating power	2 kW
Pressure pump	yes
max. delivery	20 l/min
max. delivery pressure	0,2 bar
Suction pump	yes
max. delivery (suction)	17 l/min
max. delivery pressure (suction)	0,18 bar
Immersion depth	150 mm
Overall dimensions WxDxH **	132x153x312 mm
Net weight	3,4 kg
Power supply requirement	230V 1~ 50/60Hz
Power input	2,1 kW
max. current	10 A
min. Fuse (1 phase)	10A
max. Fuse (1 phase)	16A
max. ambient temperature	40 °C
min. ambient temperature	5 °C



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Technical details and dimensions are subject to change. No liability is accepted for errors or omissions.

Accessories and periphery: , screw clamp #30541\*, cooling coil #30554, dummy plugs, sleeve nuts thread M16x1, pump adaptor #19606, hose connector NW12 #6087, connection tubes, waterbaths in polycarbonat and stainless steel

\* standard equipment

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.

\*\* Please respect space requirements. See operating conditions at [www.huber-online.com](http://www.huber-online.com)