

High Powered Thermoregulators

Baths and Thermoregulators

Technical Specification

Specifications to DIN 12876	TE-20D	TE-20HT
Temperature range*	-20°C to +95°C	-40°C to +120°C
Temperature range*	-40°C to +200°C	-40°C to +250°C
Temperature selection	Digital	Digital
Temperature stability using water @ 40°C	±0.005°C	±0.005°C
Method of control	PID	PID
Temperature sensor	PRT	PRT
Adjustable over-temperature cut-out	Yes	Yes
Low liquid level cut-out	Yes	Yes
PC Interface	RS232	RS232
Heating/Pumping		
Pump capacity litres/minute	10	Internal circulation
Pump capacity (mbar)	145	-
Nominal heater power at 120V (W)	1500	1500
Nominal heater power at 240V (W)	1800	1800
Cooling coil	No	Option
Extension below base, mm	145	145
Dimensions (L x W x H), mm	237 x 124 x 260	237 x 124 x 260
Shipping Weight, kg	4.0	4.0

* Refrigeration or cooling coil required for below ambient cooling (see Techne Flow and Dip Coolers and the cooling coil). The TU-20HT can only be used with the Dip Coolers

Ordering Information

Description	Product codes			
	230V	120V	115V	100V
TU-20D, advanced thermoregulator with RS232, -40°C to 200°C, (supplied with clamp)	FTU20DDC	n/a	FTU20DPC	n/a
TU-20HT, advanced high temperature thermoregulator with RS232, -40°C to 250°C, (supplied with clamp)	FTU20HDC	FTU20HPC	n/a	FTU20HYC