TECHNICAL SPECIFICATIONS

PlanTherm PT 200

Parameters	
Thermoregulation system	200 W Peltier element
Regulation	20 - 75°C (at minimum 1°C below ambient temperature)
Control accuracy	0.1°C
Regulation accuracy	±0.3°C (<60°C), ±0.5°C (60°C - 75°C)
Standard rate of heating	1 - 3°C
Time of heating (25°C to 75°C)	17 min (3°C/min), 25 min (2°C/min), 50 (1°C/min)
Thermoregulator Unit	
Capacity	1 chamber for a 6-ml cuvette
Size (h × l × d)	117 mm × 252 mm × 260 mm, 3.25 kg
Communication port	USB-C
Thermosensor	PT 1000
Conductivity sensor	Gryf HB, VEL 356
Fluorescence sensor	Fluorpen FP 100 with Blue light (470 nm) or Red-orange light (630 nm)
PC Requirements	
Operating system	Windows 10 or 11
Communication port	USB-C
Recommended configuration	Memory RAM 12 GB, Storage 256 GB SSD + 1 TB HDD, Processor > i3
Software	
ProfileCon v3 GUI	For control of PlanTherm PT 200 and data handling: • **Heating of the sample** for automatic control of the user defined regulation course • **Tempering** of the sample (1s – 60 min) • **Recording of data** • **Data analysis and saving**
Technical Data	
Electrical	85 - 264 V/AC
Max. power consumption	max. 240 W
Operating temperature	5 - 30°C (at maximum 1°C above Start temperature)
Operating humidity	0 to 80% (non-condensing)
Accessories	
Glass Cuvette	6 mL, Operating volume 4 ml
Magnetic Stirring Bar	2 × 7 mm
Leaf Holder	2 parts, plus a hex key for opening