

Circulating Thermostats, A. KRÜSS Optronic

① Peltier thermostat PT31

The PT31 circulation thermostat is equipped with high-performance functions. The device is ideally suited for applications requiring a temperature range at a constant level. The robust locking mechanism of the PT31 provides a sturdy connection and ensures constant temperature control of the medium. The compact and sturdy design does not require much space and can be placed anywhere in the laboratory.

Technical data:

Temp. control range: 8 – 35°C
 Accuracy of temp. control: $\pm 0.2^\circ\text{C}$
 Temp. control resolution: 0.1°C
 Electrical data: 100 – 240 V AC, 1.3 A, 50/60 Hz
 Dimensions (W×H×D): 108 × 199 × 145 mm
 Weight: 1.5 kg

Article	Order No.
Peltier thermostat PT31 for refractometers/polarimeters	65 61 20031

② Circulating thermostat PT80

The PT80 circulation thermostat is an extremely quiet, energy-efficient and handy device that has been specially developed for small temperature control tasks in the laboratory. Fast temperature control is also possible due to the low filling volume of only 250 ml. With an accuracy of $\pm 0.1^\circ\text{C}$, the PT80 is ideally suited to high laboratory standards for the temperature control of polarimeters and refractometers. The PT80 is also very well equipped for efficient and environmentally friendly cooling of condensers (e.g. Liebig or reflux condensers) in thermal separation processes on a laboratory scale.

Technical data:

Temp. control range: 5 – 80°C
 Accuracy of temp. control: $\pm 0.1^\circ\text{C}$
 Temp. control resolution: 0.1°C
 Pump capacity: 60 l/h
 Pump pressure: 110 mbar
 Cooling capacity at 20°C: 40 W
 Heating capacity: 120 W
 Electrical data: 100–240 V AC, 2.5 A, 50/60 Hz
 Dimensions (B×H×T): 170 × 225 × 244 mm
 Weight: 2.7 kg

Article	Order No.
Circulating thermostat PT80	10 61 10080



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