

CIRCULATION THERMOSTATS

PELTIER TEMPERATURED - SMALL AND EXTREMELY QUIET

MADE IN
GERMANY



PT31 CIRCULATION THERMOSTAT



PT31

The PT31 circulation thermostat is equipped with high-performance functions. The 1.5 kg lightweight device is ideally suited for applications requiring a temperature range at a constant level. The proven Peltier technology offers process-reliable temperature control in the range from 8°C to 35°C. The accuracy of temperature control is $\pm 0.2^\circ\text{C}$. 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.

KEY DATA

TEMP. CONTROL RANGE	8°C – 35°C
ACCURACY OF T. CONTROL	$\pm 0.2^\circ\text{C}$
TEMP. CONTROL RESOLUTION	0.1°C
AMBIENT TEMPERATURE RANGE	5°C – 40°C
HEATING CAPACITY	30 W
COOLING CAPACITY AT 20°C	20 W
PUMP PRESSURE	20 mbar
PUMP CAPACITY	20 l/h
FILLING VOLUME	100 ml
IP CODE	IP21
CLASS OF PROTECTION (DIN EN 61140)	III
CLASSIFICATION (DIN 12876-1)	I; non-flammable liquids
ELECTRICAL DATA	100-240 VAC, 1.3 A 50/60 Hz

YOUR BENEFITS

- Temperature control using Peltier technology
- Temperature range from 8°C to 35°C
- Temperature accuracy of $\pm 0.2^\circ\text{C}$
- Space-saving, sturdy design
- Suitable for operation with non-flammable liquids (water or water/glycol mixture)
- Bright, easy-to-read LCD matrix display
- Sophisticated, easily accessible operating elements
- Simple and plainly structured functions



OPERATING ELEMENTS

The PT31 has a quick and easy to achieve operational readiness. The sophisticated operating elements are easily accessible and allow the temperature to be set with just a few inputs. A menu with easy-to-understand navigation is used for set-up.

The LCD matrix has a bright, easy-to-read display. Temperature settings as well as heating and cooling functions are displayed in a clearly arranged manner.



KEY DATA

DISPLAY TYPE	LCD matrix display
DISPLAY RESOLUTION	2 rows of 16 columns each
DISPLAY DIMENSIONS (W X H)	57.7 mm x 11.8 mm
CONTROL	Selection keys
DEVICE DIMENSIONS (W x H x D)	108 mm x 199 mm x 145 mm
DEVICE WEIGHT	1.5 kg (without mains adapter and mains cable)



A.KRÜSS OPTRONIC – CUTTING-EDGE TECHNOLOGY, MADE IN GERMANY



A.KRÜSS Optronic Headquarters in Hamburg



A.KRÜSS Optronic GmbH
Alsterdorfer Strasse 276–278
22297 Hamburg | Germany

Phone +49 40 514317-0
Fax +49 40 514317-60

E-mail info@kruess.com
Web www.kruess.com

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