

Dry Block Temperature Calibrator LR-Cal PULSAR-35CU

- for mobile or stationary use
- micro processor controlled (PID)
- RAMP function
- Thermostat test feature

Typical applications:

- Calibration and checking of all kind of thermometer
- Calibration and checking of thermostats
- Computer aided calibration via RS232 interface

Technical Data:

Order-Code: PULSAR-35CU

Temperature range: Ambient temperatur up to +600°C

Resolution of display: 0.01 / 0.1°C (display switchable °C/°F/K)

Stability of regulated temperature: $\pm 0.05\%$ °C at 450°C

Mean heating time: 20°C per minute

Mean cooling time: 25°C per minute

Uniformity (at 450°C): radial $\pm 0.15\%$ °C; axial $\pm 0.35\%$ °C

Accuracy of internal temperature measurement: $\pm 0.3\%$ °C

Internal reference probe: RTD Pt100 (3-wire)

Ventilation: internal, electronical driven/regulated

Interface: RS232

RAMP function: 0.1°C per minute

Dry block: diameter 35 mm, depth 190 mm, material: copper

Test wells: 1 hole diameter 35 mm x depth 185 mm

Insert included: 1 insert with 5 drillings 3.5 / 5.0 / 6.5 / 8.5 / 12.5 mm; **Optional:** inserts with 1 to 9 drillings 3.5...20 mm as per customers request, or blank insert, or insert with BLACK BODY and external reference probe.

Power supply: 230 VAC (optional: version for 115 VAC)

Power consumption: 800 VA

Housing: metal

Dimension: 160 x 340 x 330 mm

Weight: 10.1 kg net (shipping weight: 18.2 kg)

NOTE: the stated accuracy is valid for ambient temperature +10...+40°C and is guaranteed for one year.

Version PULSAR-35CU-2I:

With data acquisition card and two input devices to measure Pt100 (3-/4-wire, -100...+700°C, $\pm 0.3\%$), TC type J (0...1000°C, $\pm 1\%$) and TC types K/N/R/S (0...1300°C, $\pm 1\%$)

Order-Code: PULSAR-35CU-2I

Accessories:



Soft bag

Order-Code:

TEMPKAL-TASCHE



Alu Case

Order-Code:

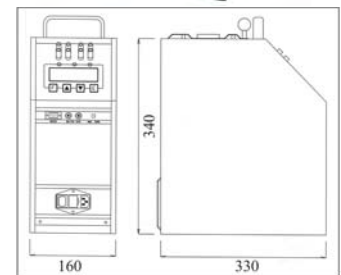
TEMPKAL-KOFFER



Windows-PC Software AQ2sp

incl. RS232 cable

Order-Code: 599.0.000.0003.0



With the software **AQ2sp** it is possible to remote-control the calibrator via PC. Automatic or manual calibration of one or more test items, stress tests, thermostat tests, printing of calibration certificates.

Further Accessories:

- Inserts with customer specific drillings
- Blank insert
- BLACK BODY insert for infrared thermometer
- External Reference Probes