

Dry Block Temperature Calibrator LR-Cal PULSAR-35CU

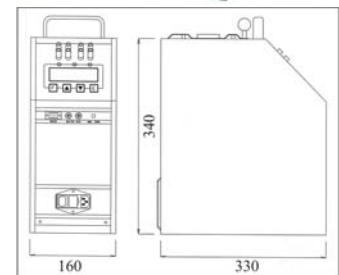
- for mobile or stationary use
- micro processor controlled (PID)
- RAMP function
- Thermostat test feature

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:** ±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 ±0.15°C; axial ±0.35°C**Accuracy of internal temperature measurement:** ±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 / 4.5 / 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, ±0.3°C), TC type J (0...1000°C, ±1°C) and TC types K/N/R/S (0...1300°C, ±1°C)

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