# PULSAR-80CU

# Dry block Temperature Calibrator Type PULSAR-80CU

- Temperature range: ambient temperature up to +550°C
- · For mobile and stationary use
- Micro processor operated, ramp function, thermostat tests

## **Typical applications:**

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

### Order-Code: PULSAR-80CU

**Technical Data PULSAR-80CU:** Order-Temperature range: ambient temperature up to +550°C. Display resolution: 0,01 / 0.1°C (unit switchable to °F or K) Stability: ±0.5°C (at 450°C)

Mean heating time: 9°C per minute Mean cooling time: 1.6°C per minute Display accuracy: ±0.3°C at 450°C

Integrated reference sensor: resistance thermometer 3-wire

Ventilation: integrated, electronic operated. Interface: RS232 (9-pol. D-sub) Ramp function: min. 0.1°C per minute

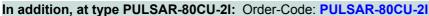
Dry block: diam. 60 mm. made in copper-alloy.

Test well depth: 275 mm, 1 insert
Optional: insert with holes as per customers request (if possible) or without holes.
Power supply (50/60 Hz): 230 VAC (optional: 115 VAC)

Power consumption: 1700 VA Case material: metal

Dimension: 160 x 340 x 330 mm, Weight: 23 kg net

NOTE: The stated accuracy is valid at ambient temperature +10°C...+40°C and is guaranteed



Two inputs for Pt100 and thermocouples, programmable.

• Pt 100 IEC 3-/4-wire, range -100/+700°C, accuracy ±0.3°C

• Thermocouple type J, range 0-1000°C, accuracy ±1°C

• Thermocouple types K/N/R/S, range 0-1300°C, accuracy ±1°C

Scope of standard supply:
Dry block calibrator PULSAR-80CU, electrical connection cable, spare fuses, cable for thermostat tests, operating manual, certificate of calibration (traceable), tool for insert removing.

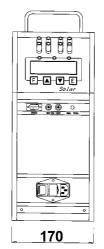
1 insert with 4 holes 4.5 - 6.5 - 9.5 - 12.5 mm). At type PULSAR-80CU-2I set of measuring cables with 4 mm plugs.

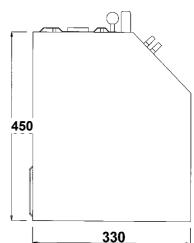
### **Optional Accessories:**

- Insert with holes as per customers request (if possible)
- Insert without drilling
- Aluminum carrying case
- RS232 cable and PC-Windows-Software AQ2sp

The PULSAR-80CU can operate in automatic mode connected to a PC by means of the optional AQ2sp software which enables to carry out probe calibrations and cyclical life tests; test results can be stored and printed, so they are easily traceable in compliance with ISO 9000 standards.









**DRUCK & TEMPERATUR Leitenberger GmbH** 

Bahnhofstr. 33 • D-72138 Kirchentellinsfurt • Germany Tel.: 0 71 21 - 9 09 20 - 0 • Fax: 0 71 21 - 9 09 20 - 99

E-Mail: DT-Info@Leitenberger.de • http://www.druck-temperatur.de



