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PSE- Priggen Special Electronic

Reference Plus Thermometer

â‚¬ 379,61 (including 19 % tax)

Reference Plus Thermometer for Calibration Checks

- measuring range: -199.99Â°C to +199.99Â°C
- high system accuracy: Â±0.05Â°C
- data hold and MAX/MIN memory functions
- 5-point UKAS Certificate included
- ideal for calibration comparison checks
- supplied complete with high accuracy probe

The Reference Plus thermometer is a high accuracy PT100 instrument that is supplied with a 5-point UKAS Certificate of Calibration. Each certificate indicates deviations from standards at various check points: -18Â°C, 0Â°C, +40Â°C, +70Â°C and +100Â°C.
Special ranges may be certified by arrangement with the ETI UKAS calibration laboratory.

In contrast to the standard Reference Thermometer (ord. # e222-055), the Reference Plus Thermometer has got pushbuttons for the data hold and MAX/MIN memory functions.
Pressing the HOLD button the current reading can be "frozen" at the display.
Via the MAX/MIN button the max. and min. readings can be indicated. These readings are not deleted when the instrument is switched off, but they can be reset also via the MAX/MIN button.

The Reference thermometer is ideal for comparison checking the calibration and accuracy of other thermometers and probes, when used in conjunction with a stable temperature heat or chill source, or also with the Comparator.

The instrument measures temperature over the range of -199.99 to +199.99Â°C with a resolution of 0.01Â°C and an accuracy of Â±0.05Â°C.
The unit features a simple on/off switch with low battery and open circuit 'Err' indication, when applicable.
The Reference Thermometer is supplied with a permanently attached, high accuracy probe incorporating a 1/10th DIN PT100 sensor. The probe measures Ã˜3.3 x 130mm and is supplied with a one metre PVC lead.

Technical data:
range: -199.99 to +199.99Â°C
resolution: 0.01Â°C
accuracy: Â±0.05Â°C (-30 to +150Â°C) otherwise Â±0.1Â°C
batteries: 3 x 1.5 volt AAA
battery life: 2000 hours
sensor type: PT100, 1/10 DIN
display: 10mm LCD
dimensions: 25 x 56 x 128mmÂ³
weight: 210 grams

A UKAS Certificate of Calibration is included with each reference instrument.
Vendor Information