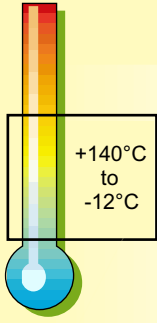


Quick-Cal Range

Temperature Test Unit



Isotech's Quick Cal range of testers are ideally suited to the less exacting applications where our larger, better specified baths are unnecessary.

The Low Temperature Quick Cal covers the temperature range of -12°C to $+140^{\circ}\text{C}$, making it ideal for the medical, sterilisation and food industries.

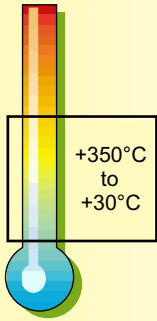
The High Temperature Quick Cal covers the temperature range from 30°C to 350°C

Both have interchangeable inserts, so you don't have to buy another calibrator each time you find a new diameter sensor to calibrate. The Low Temperature Quick Cal is particularly exciting since it can work from a small 12 volt battery, making it truly portable, alternatively a mains supply is available with 100V - 240V, 50/60Hz input.

The Low Temperature Quick Cal comes complete with two inserts, one blank and one drilled 6.8mm diameter 120mm deep. Alternatively we can provide pre-drilled inserts to suit your needs. Each calibration well is 13mm diameter and 120mm deep.

The High Temperature Quick Cal has a single larger well and interchangeable inserts, 25mm in diameter by 120mm deep. Blank and other special drillings are available to order. The High Temperature Quick Cal is supplied 100-130 or 200-250V AC, 50/60Hz.

The handbook which accompanies the Quick Cal contains helpful advice on how to get the best from your calibrator. Accessories for the above include a carry case, alternative inserts and a rechargeable battery for the Low Temperature Quick Cal.



Key Features

Interchangeable inserts - to suit different diameter sensors

Wide Temperature Range -12°C to 350°C in two ranges

Faster - 9 minutes to temperature

Compact - 65mm x 142mm x 175mm not including power entry

Lightweight - weighs 1.5kg (3.3 pounds)

Two models - Low Temperature Quick Cal and High Temperature Quick Cal



Quick-Cal Range

Temperature Test Unit

Low Temperature Quick-Cal Options

A. Extra Sleeves	560-06-01A Standard Sleeve
	560-06-01B Blank Sleeve
	560-06-01C Special Sleeve (maximum bore 10mm)

B. Carrying Case 931-22-51

C. UKAS Certification

D. Rechargeable Battery & Charger
 Battery is 12V 12Ah.
 On full charge battery: 60 minutes when cooling
 90 minutes when heating
 Longer life available with larger batteries - consult Isotech
 Temperature Range is -10°C to 123°C with battery operation

E. Fahrenheit Operation
 Unit can be supplied for °F Operation

High Temperature Quick-Cal Options

A. Extra Inserts	550-06-01A Standard Insert
	550-06-01B Blank Insert
	550-06-01C Special Insert

B. Carrying Case 931-22-51

C. UKAS Certification

E. Fahrenheit Operation
 Unit can be supplied for °F Operation

Model No. Low Temperature Quick-Cal

Temperature Range -12°C to +140°C
 In an ambient of 20°C
 The Quick-Cal will achieve lower temperature
 if used in a lower ambient temperature

Set Point Resolution 0.1°C over range

Accuracy ±0.1 to ±0.4°C using Comparison
 Techniques
 ±0.4°C against display temperature with a
 single probe in the 4.5mm pocket

Stability ±0.05°C

Time to Set Point 9 minutes from
 0°C to 100°C

Additional Time for best stability Typically 5 minutes

Calibration volume Two 13mm diameter pockets 120mm deep
 Supplied with two sleeves, one blank and
 one drilled 6.8mm diameter 120mm deep

Power 15V DC or 100-240V, Switch mode
 power supply (50 / 60 Hz)

dimensions 65mm x 152mm x 175mm

Model No. High Temperature Quick-Cal

Temperature Range +30°C to +350°C
 In an ambient of 20°C

Set Point Resolution 0.1°C over range

Accuracy ±0.1 to ±0.4 °C using Comparison
 Techniques
 <100 °C ±0.4°C against display temperature
 with a single probe in the 4.5mm pocket
 <100°C ±1.5°C against display temperature
 with a single probe in the 4.5mm pocket

Stability ±0.05°C

Time to Set Point 9 minutes from
 Ambient to 350°C

Additional Time for best stability Typically 5 minutes

Calibration volume 25mm diameter 120mm deep
 Supplied with insert, 5 pockets, 8mm,
 6.5mm, 6.5mm, 4.5mm, 4.5mm,
 all 115mm deep

Power 100-130V or 200-240V,
 (50 / 60 Hz)

dimensions 65mm x 152mm x 175mm



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