

FAST-CAL HIGH

Basic fast industrial calibration dry block, 30°C to 350°C – Removable insert

Fast-Cal Medium is a basic fast industrial calibration dry block for temperature thermometers from 35°C to 650°C.

Description

Fast-Cal High is a basic fast industrial calibration dry block for temperature thermometers from 35°C to 650°C.

Fast-Cal Medium is available in three models, the BASIC (B), the SITE (S) and the SITE (S-TC).

The B model includes a sophisticated temperature controller with a dual display for set temperature and dry block temperature.

The S and S-TC models additionally include an in-built temperature digital indicator to which an external temperature sensor can be connected, giving greater accuracy eliminating temperature gradient and loading errors. The S model will accept a semi standard PRT, the S-TC model will work with a type N thermocouple.

Key features:

- Calibration volume: 25 x 148 mm depth
- Lightweight and rugged
- Easy to use on site

Specifications

Temperature range	35°C to +650°C
Stability	±0.03°C to ±0.05°C
Accuracy - Basic	±1°C at 500°C
Accuracy – Complete (with semi standard PRT)	±2°C at 650°C
Heating time	50°C to 650°C: 20 min
Cooling time	650°C to 300°C: 20 min
Calibration volume	25 x 148 mm depth
Process input	4-20 mA (for On Site model only)

General specifications

Size	228 x 248 x 143 mm
Weight	6.35 kg
Power supply	115 VAC or 230 VAC, 50/60 Hz 750 Watts
Communication ports	RS 232

Models and accessories

Instrument:

Fast-Cal High B Portable industrial temperature calibrator, 35°C to 650°C – Basic model

Delivered in standard with:

- Standard insert with 4 holes of diameter: 2x 4.5 mm / 1x 6.5 mm, depth: 140 mm
- Cal Notepad software
- Serial communication cable
- User manual
- Traceable certificate

Fast-Cal High S Portable industrial temperature calibrator, 35°C to 650°C – On Site model

Delivered in standard with:

- Standard insert with 4 holes of diameter: 2x 4.5 mm / 1x 6.5 mm, depth: 140 mm
- Cal Notepad software
- Serial communication cable
- User manual
- Traceable certificate
- Built-in digital indicator
- Semi standard platinum resistance thermometer Pt100, 935-14-72/DB

Fast-Cal High S-TC Portable industrial temperature calibrator, 35°C to 650°C – On Site model

Delivered in standard with:

- Standard insert with 4 holes of diameter: 2x 4.5 mm / 1x 6.5 mm, depth: 140 mm
- Cal Notepad software
- Serial communication cable
- User manual
- Traceable certificate
- Built-in digital indicator
- Semi standard type N thermocouples, 935-14-63/DB

Metal block bath:

907-02-03d Standard insert with 3 holes of diameter: 2x 4.5 mm / 1x 6.5 mm
Depth: 140 mm

907-02-03f Blank insert

907-02-03g Non-standard insert

UKAS 5 point comparison calibration

Packing information:

Size 228 x 248 x 143 mm

Weight without packing	6.35 kg