

A910 Dry Block Calibrator

Instrument Specification

Compact Dry Block Calibrator Approved for Calibrating Winding Temperature Indicators



- ◆ Best In Class Industrial Calibrator
- ◆ Fast Heat up and Cool Down
- ◆ Easy to Carry & Lighter than the previous model
- ◆ Self calibrating with optional reference sensor
- ◆ 110v or 230v AC auto switching power supply
- ◆ Quicker than previous versions
- ◆ Preset temperatures on front panel
- ◆ Auto Stepping and Auto Switch
- ◆ Mains Power Variance Immunity
- ◆ Supplied with 8 Custom inserts for most bulb sizes
- ◆ The BEST choice for calibrating WTI's



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Accurate Controls Ltd.

25 Cowley Road, Nuffield Industrial Estate,
Poole, Dorset, BH17 0UJ, United Kingdom.

Tel: +44 (0)1202 678108

e-mail: info@accurate-controls.ltd.uk

web: www.accurate-controls.ltd.uk



PFM – Watchdog

Technical Specification

Temperature

Temperature Range

Range. 28 to 660°C / 82 to 1220°F

Lowest calibration temperature ambient +5°C / 41°F

Accuracy

CTC-660 with Internal Ref. Sensor @ 660°C / 1220°F. .

0.85°C / ±1.53°F

@ 400°C / 752°F. ±0.75°C / ±1.35°F

@ 200°C / 392°F ±0.65°C / ±1.17°F

CTC-660 with External Ref. Sensor STS-120-A-966

@ 660°C / 1220°F ±0.45°C / ±0.81°F

@ 400°C / 752°F ±0.45°C / ±0.81°F

@ 200°C / 392°F ±0.40°C / ±0.72°F

Stability

CTC-660 @ 660°C** ±0.08°C / ±0.14°F

Radial Homogeneity (difference between holes)

CTC-660 @ 660°C / 1220°F 0.1°C / 0.18°F

CTC-660 @ 400°C / 752°F. 0.03°C / 0.054°F

Influence From Load Ø6mm 28 to 660°C / 82 to 1220°F

With Internal Reference 0,3°C / 0.54°F

With External Reference 0,03°C / 0.054°F

Settings

Resolution 1 or 0.1 or 0.01

Units °C or °F or K

Heating Time

CTC-660 23 to 660°C / 73 to 1220°F 18 minutes

Cooling Time

CTC-660 660 to 100°C / 1220 to 212°F. 39 minutes

CTC-660 100 to 50°C / 212 to 122°F 18 minutes

Mains Power

Voltage 110 V (90-127) / 230 V (180-254)

Max Power Consumption 1150 VA

Frequency, US deliveries 60 Hz ±3

Frequency, non US deliveries 50 Hz ±3, 60 Hz ±3

Physical Specifications

Dimension L x W x H 248x148x305 mm /
9.76x5.83x12.01 in

Weight

CTC-660 6.1 kg / 13.4 lb

Immersion Depth

CTC-660 115 mm / 4.53 in

Well diameter

CTC-660 26 mm / 1.02 in

Insert Dimensions (diameter x length)

CTC-660 25.7 mm x 120 mm / 1.01 x 4.72 in

Electrical

Switch Input (dry contact)

Test Voltage Maximum 14 VDC

Test Current Maximum 1 mA

Digital Interface

USB 2.0

Environmental

Operating Temperature

0 to 50°C / 32 to 122°F

Storage Temperature

-20 to 50°C / -4 to 122°F

Humidity

5 to 90% Rh, non-condensing

Protection Class