



Ametek/Jofra ATC Series Dry Block Calibrator EW-90918-30

- **Combines the accuracy of a laboratory calibrator with the speed and portability of a dry block calibrator**
- Automatic thermo-switch test function saves valuable operator time

These advanced series of dry block calibrators are designed with a dual-zone heating block to provide axial and radial homogeneity within the well during operation. All models feature a four-wire true-ohm-measurement RTD input for an external reference temperature probe. Calibrators provide a universal input for electrical connection for the sensor being tested and will find the closing and the opening temperatures and calculate the hysteresis. Automatic stand-alone calibration feature allows you to download your calibration tasks to the calibrators and perform your tests in the field. Units incorporate MVI technology eliminating stability problems caused by unstable main supplies. The stability indicator provides an audible and visual indication in the display when the calibrator is stable.

These calibrators feature selectable engineering units, switch-test functionality, programmable ramp rate, and a large back lit display that is easy to read from all angles. Keypad operation is simple and menu-driven. Connection points are included for the direct reading of sensors, eliminating the need for extra components or meters. Interchangeable inserts allow you to calibrate various sensor sizes and types. All units provide an RS232 serial interface and windows[®] based software enabling you to download routines and upload calibration results for storing or print out of calibration certificates.

What's included: multi-hole insert, insert removal tool, power cable, RS232 cable, test leads, calibration software, and a NIST traceable certificate.

Specifications

Description	Ametek/Jofra ATC Series Dry Block Calibrator (Model ATC650B)
Temp range	91 to 1202°F (33 to 650°C)
Stability	±0.06°F (±0.03°C)
Display resolution	0.01°F/0.01°C
Display	LCD
Traceability	NIST traceable certification with data points
Immersion depth	5-29/32"
VAC/Hz	115 VAC
Dimensions	14-13/64"W x 6-7/64"H x 13-29/32"D
Removable Inserts	YES
Accuracy	±0.20°F (±0.11°C)
Cooling rate (min)	43 minutes
Stabilization time (min)	10 minutes
Heat-up time (min)	27 minutes
Communications	RS232