

9009 Industrial Dual-Block Calibrator

Double your productivity or cut your calibration time in half



- Temperatures from $-15\text{ }^{\circ}\text{C}$ to $350\text{ }^{\circ}\text{C}$ in one unit
- Two wells in each block for simultaneous comparison calibrations
- Rugged, lightweight, water-resistant enclosure
- Controlled by precision Hart Scientific temperature controller

Hart's new 9009 Industrial Dual-Block Calibrator lets you calibrate temperature probes from $-15\text{ }^{\circ}\text{C}$ to $350\text{ }^{\circ}\text{C}$. Each temperature well is independently controlled, so while you're checking your transmitter sensor at one temperature, the other block can be heating or cooling to your next set-point. Everything you need to calibrate thermometers is self-contained in a rugged, watertight case including four removable inserts, power cord, and removal tool. It's portable, covers a wide range, and – best of all – it's made by Hart Scientific, the world leader in temperature calibration.

Ordering Information

Models

9009-Y-256 Dry-Well, 220 V, Yellow Case

9009-B-256 Dry-Well, 220 V, Black Case

Options & Accessories

3102-1 Insert, Al 1.6 mm (1/16 in)

3102-2 Insert, Al 3.2 mm (1/8 in)

3102-3 Insert, Al 4.8 mm (3/16 in)

3102-4 Insert, Al 6.4 mm (1/4 in)

3102-6 Insert, Al 9.5 mm (3/8 in)

Summary specifications 9009

Function	Range
Range	
Hot block	$50\text{ }^{\circ}\text{C}$ to $350\text{ }^{\circ}\text{C}$
Cold block	$-15\text{ }^{\circ}\text{C}$ to $110\text{ }^{\circ}\text{C}$ in $23\text{ }^{\circ}\text{C}$ ambient ($-8\text{ }^{\circ}\text{C}$ with hot block at $350\text{ }^{\circ}\text{C}$)
Accuracy	
Hot block	$\pm 0.6\text{ }^{\circ}\text{C}$
Cold block	$\pm 0.2\text{ }^{\circ}\text{C}$
Stability	$\pm 0.05\text{ }^{\circ}\text{C}$
Well-to-well uniformity	$\pm 0.1\text{ }^{\circ}\text{C}$
Stabilization time	8 minutes
Well depth	101.6 mm
Removable inserts	Two 1/4 in (6.4 mm) and two 3/16 in (4.8 mm) inserts included; see ordering information for other available inserts
Power	230 V ac ($\pm 0.51\%$), 60/60 Hz; specify
Size H x W x D	178 x 267 x 248 mm
Weight	4.5 kg
7-point NIST Traceable Calibration	
Hot block:	$50\text{ }^{\circ}\text{C}$, $100\text{ }^{\circ}\text{C}$, $150\text{ }^{\circ}\text{C}$, $200\text{ }^{\circ}\text{C}$, $250\text{ }^{\circ}\text{C}$, $300\text{ }^{\circ}\text{C}$ and $350\text{ }^{\circ}\text{C}$
Cold block:	$-8\text{ }^{\circ}\text{C}$, $0\text{ }^{\circ}\text{C}$, $25\text{ }^{\circ}\text{C}$, $50\text{ }^{\circ}\text{C}$, $75\text{ }^{\circ}\text{C}$, $100\text{ }^{\circ}\text{C}$ and $110\text{ }^{\circ}\text{C}$