### **Compact Field Drywell Calibrators**

Small and lightweight calibrators are used to test and ensure that RTDs, thermocouples, and bimetal thermometers are accurately calibrated in the field. Can be used for adjustable or fixed setpoints.

#### INDUSTRIAL DUAL-BLOCK DRYWELL **CALIBRATORS WITH ADJUSTABLE SETPOINTS**

Calibrators have adjustable setpoints and an LED front panel for easy programming. The dual-block features two blocks for a range of temperatures. They have four removable inserts that interface with an external documenting process calibrator. Include a protective case for storage.

at 50°C, 100°C, 150°C, 200°C, 250°C, 300°C, and 350°C

Cold Block

Temp. Range

Industrial Dual-Block Drywell Calibrators with Adjustable Setpoints
Calibration Details: Data at -8°C, 0°C, 25°C, 50°C, 75°C, 100°C, and 110°C, Data

Stability

Brand

and

Hot Block

Temp. Range

#### SINGLE-BLOCK DRYWELL CALIBRATORS WITH ADJUSTABLE SETPOINTS

Adjustable setpoints allow users to program multiple setpoints. Select models may be compatible with optional interchangeable inserts for different numbers and diameters of probes.

#### SINGLE-BLOCK DRYWELL CALIBRATORS WITH FIXED SETPOINTS

Stabilization

Time

Calibrators with fixed setpoints are accurate and easy to operate. Can be paired with external dial and digital thermometers. Commonly used to calibrate temperaturesensing instruments used in food processing and preparation applications.

Well

Depth

BLACK CASE | YELLOW CASE

Item



**Industrial Dual-Block** 4LHA6



Single-Block with Adjustable **Set Points** 33W927



**Fixed Set Points** SMNCE

Fluke 9009	122° to 662°F (50° to 350°C)	5° to 230°F (-15° to 115°C	±0.05°C	0.15625 in, 0.125 0.15625 in, 0.18 in, 0.25 in, 0.3125 0.375 in, 0.4375	75 5 in,	3 min	4 in	4LHA6	4LHA5	Fixed Set Points 3MNG6	
							Brand and Series Single-Block D	Temperature Set Points Irvwell Calibrato	Calibrator Application	For Stem Diameter	Item No.
Brand and Series	Temperature S	Stabilization Time	For Sten	n Diameter	Item No.		<b>g</b>	40 °F		0.125 in, 0.150 in, 0.187 in	52RW36
Single-Blo	Single-Block Drywell Calibrators with Adjustable Setpoints Calibration Details: Data at -25°C, 0°C, 25°C, 50°C, 75°C, 100°C, and 140°C					_	40 °F	Cold Food Holding Temperature (for 40°F)	0.187 in, 0.250 in, 0.375 in	52RW37	
	-13° to		(6)	1/4 in 3/8 in, (2) 3/16 in	33W929 33W928				E.Coli Safety Temperature (for 160°F), Cold		52RW34
Fluke 9103			s in, 1/8 in, 3/16	in, ¼ in, ¾ in, ½ in 4 mm, (2) 6 mm			Tel-Tru Check-Set	40 1, 100 1	Food Holding Temperature (for 40°F)	0.187 in, 0.250 in, 0.375 in	52RW35
Calibratio	n Details: Data		, 150°C, 200°	°C, 250°C, 300°C, a	and 350°C			40 °F. 150 °F.	Clean-in-Place Return Lines (for 150°F), HTST Flash Pasteurization - Ice Cream,	0.187 in, 0.250 in, 0.375 in	52RW38
Fluke 9140	95° to 662°F/35° to 350°C	7 min	7 min (2) ½ in, (2)	) ½ in ¾ in, (2) ¾ in in, ¼ in, ¾ in, ½ in	in, (2) 3/16 in 33W931	_		161 °F, 175 °F	Eggnog, Frozen Desserts (for 175°F), HTST Flash Pasteurization - Milk (for 161°F), Cold Food Holding Temperature (for 40°F)	0.125 in, 0.150 in, 0.187 in	52RW39
				4 mm, (2) 6 mm	33W940			160 °F	E.Coli Safety Temperature (for 160°F)	0.15 in	3MNG6

## **Handheld Temperature Probe Calibrators**

Battery-operated instruments measure and source 17 thermocouple types and millivolts. When used to source temperature signals, these calibrators also measure 4 to 20 mA signals. They are highly accurate and feature configurable source settings for prompt linearity checks.

For Stem Diameter

0.0625 in. 0.125 in

Temperature Range	For Thermocouple	For RTD Type	Millivolt Range	Resistance Range	Temperature Accuracy	STANDARD Item No.	NIST Item No.
Handheld RTD & Thermocouple Probe Source/Measure Calibrators							
-328° to 3182°F/-200° to 1800°C (Thermocouple), 14° to 1,166°F/-10° to 630°C (RTD)	B, E, J, K, N, R, S, T	Cu10, Cu50, Pt10 (385), Pt100 (385), Pt1000 (385), Pt200 (385), Pt500 (385)	-10 to 1100mV DC	0 to 4,000 ohm	0.05%	161D35	_
-328° to 1,472°F/-200° to 800°C (RTD), -328° to 2,498°F/-200° to 1,370°C (Thermocouple)	B, BP, E, J, K, L, N, R, S, T, U, XK	Ni 120, Pt 100 (385), Pt 100 (393), Pt 100 (JIS), Pt 1000 (385), Pt 200 (385), Pt 500 (385)	0 to 100mV DC	0 to 3,200 ohm	_	_	6KD41
Handheld RTD Probe Source/Measure Calibrators							
-200° to 800°C	_	Cu 10 (427), Cu 100 (427), Cu 50 (427), Ni 120 (672), Pt 10 (385), Pt 100 (385), Pt 100 (3916), Pt 100 (3926), Pt 1000 (385), Pt 200 (385), Pt 50 (385), YSI400	_	1 to 4,000 ohm	_	_	30PJ28
Handheld Thermocouple Probe Source/Measure Calibrators							
-328° to 1,472°F/- 200° to 800°C	B, E, J, K: T, L, R, S, U	Ni 120, Pt 100 (385), Pt 100 (392) (3926), Pt 100 JIS (3916), Pt 1000 (385), Pt 200 (385), Pt 500 (385)	-10 to 75mV	0 to 3,200 ohm	_	_	30PJ29
-58° to 2498°F/- 50° to 1.750°C	C, E, J, K, N, R. S. T	_	-10 to 60mV DC	_	±0.05% +2°F/1°C	39M988	39M989
30 10 1,730 0	11, 3, 1	_	-5 to 55mV	_	±0.05% +2°F/1°C	39M990	39M991
-328° to 2,498°F/- 200° to 1,370°C	B, E, J, K, N, R, S, T	_	-10 to 110mV DC	_	0.05%	52ZK70	_



6KD41



39M989

# Intrinsically Safe Compact Reference Temperature Calibrators

- 3-point NIST-traceable. 3-point NVLAP-accredited
- Minimum immersion of 70mm for wet media or 120mm for dry media
- Resolution: 0.1°/0.01°/0.001° (Variable)
- Sampling rate: 0.5 sec/1 sec/2 sec (Variable)

Calibrators are compact, lightweight, and portable and operate at a wide range of temperatures. Large color display for easy programming. The preset temperature points and icons allow users to monitor the calibrator and calibration process. Units have a carrying handle and are commonly used on-site in maintenance shops and in laboratories.

	Temperature Range	Response Time	Sensor Type	Item No.
	E00 to 2000F/ E00 to 1600C	14 sec	RTD	5NLL3
	-58° to 320°F/-50° to 160°C	21 sec	RTD	5NLL4
_	-112° to 572°F/-80° to 300°C	20 sec	PRT	5NLL5

