

Fluke 9100S Handheld Dry-Well Temperature Calibrator

Specifications

Range 35°C to 375°C (95°F to 707°F)

Accuracy $\pm 0.25^{\circ}\text{C}$ at 50°C, $\pm 0.25^{\circ}\text{C}$ at 100°C, $\pm 0.5^{\circ}\text{C}$ at 375°C

Stability $\pm 0.07^{\circ}\text{C}$ at 50°C, $\pm 0.1^{\circ}\text{C}$ at 100°C, $\pm 0.3^{\circ}\text{C}$ at 375°C

Resolution 0.1°C or °F

Well-to-Well Uniformity $\pm 0.2^{\circ}\text{C}$ with sensors of similar size at equal depths within wells

Heating Times 35 to 375°C: 9.5 minutes

Stabilization 5 minutes

Cooling Times 375 to 100°C: 14 minutes

Well Depth 4 inches (102 mm), 1/16 inch (1.6 mm) hole is 3.5 inches (89 mm) deep

Fixed Block Options See Section 5.4, Constant Temperature Block Assembly, on page 16 and Figure 4 on page 16

Power 115 VAC ($\pm 10\%$), 50/60 Hz, 1.5 A or 230 VAC ($\pm 10\%$), 0.8 A, 50/60 Hz, 175 W

Size 2.25" H x 4.9" W x 6.1"D, (57 mm x 125 mm x 150 mm)

Weight 2 lb. 3 oz. (1.08 Kg)

Safety Conforms to EN61010-1, Conforms to CAN/CSA C22.2 No.1010.1, UL3111 and ANSI/ISA-S82.01

Fault Protection Sensor burnout protection, over-temperature cutout, and electrical fuses

Fuse Rating 250 V 3 A FF (very fast acting) NO USER SERVICEABLE PARTS