

# 9150 Thermocouple Furnace

## Low-cost Thermocouple Furnace

- Stability of  $\pm 0.5\text{ }^{\circ}\text{C}$
- Temperature range to  $1200\text{ }^{\circ}\text{C}$
- Display accuracy of  $\pm 5\text{ }^{\circ}\text{C}$  across entire range
- NIST-traceable calibration included
- RS-232 port standard

The 9150 Thermocouple Furnace uses Hart's own microprocessor-based controller for great stability and set-point accuracy. It has a removable well insert for versatility. It has rapid cool-down and heat-up times. And it comes with an RS-232 port for connection to a PC. Each unit is factory-calibrated and comes with test data and a calibration traceable to NIST.



### Ordering Information

#### Models

**9150-X-256** Thermocouple Furnace (specify X, X = A, B, C, or D included insert), (220 V)

#### Options & Accessories

**3150-2** Insert A

**3150-3** Insert B

**3150-4** Insert C

**3150-6** Insert D

**9315** Rugged Carrying Case

### Summary specifications 9150

Function	Range
Temperature Range	150 °C to 1200 °C
Display Resolution	0.1° to 999.9° 1° above 1000°
Stability	$\pm 0.5\text{ }^{\circ}\text{C}$
Display Accuracy	$\pm 5\text{ }^{\circ}\text{C}$
Well Diameter	32 mm
Well Depth	140 mm; 101 mm in removable insert plus 38 mm in insulator
Heating Time	35 minutes to 1200 °C
Cooling Time	140 minutes with block
Well-to-Well Uniformity	$\pm 0.5\text{ }^{\circ}\text{C}$ to $\pm 1.0\text{ }^{\circ}\text{C}$ (Insert "C" at 1200 °C)
Stabilization	20 minutes
Power	230 VAC ( $\pm 10\%$ ), 5.2 A, switchable, 50/60 Hz, 1200 W
Size H x W x D	315 x 208 x 315 mm
Weight	13 kg
NIST-Traceable Calibration	Data at 150 °C, 300 °C, 450 °C, 600 °C, 800 °C, 1000 °C, and 1200 °C

Interchangeable insert options

