

9150 Thermocouple Furnace



Highlights

Low cost thermocouple furnace

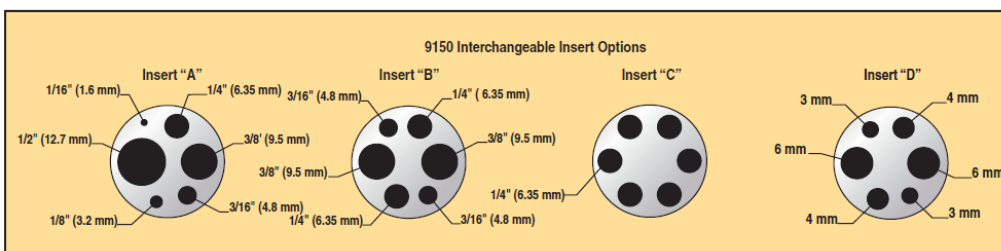
- Low-cost thermocouple furnace
- NIST-traceable calibration included
- RS-232 port standard

You told us you weren't satisfied with the competition's furnaces for checking industrial thermocouples. You said you wanted something new and more convenient to use—and you wanted it at a lower price than any other furnace available. Well, we've got what you asked for, and it's the Model 9150 Thermocouple Furnace.

Description

With a stability of ± 0.5 °C, it has a temperature range to 1200 °C and a display accuracy of ± 5 °C across its entire range.

With interchangeable temperature blocks, you can check thermocouples as small as 1/16 of an inch in diameter. The 9150 works with 115 or 230 VAC power.



The 9150 Thermocouple Furnace uses Fluke Calibration'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.

You can now afford to check your thermocouples with this excellent cost-effective instrument. Why pay more for features you don't need and can't use? Each unit is factory-calibrated and comes with test data and a calibration traceable to NIST.

Specifications

General Specifications	
Temperature Range	150 °C to 1200 °C (302 °F to 2192 °F)
Display Resolution	0.1 ° to 999.9 °

Display Resolution	1 ° above 1000 °
Stability	±0.5 °C
Display Accuracy	±5 °C
Well Diameter	1.25 in (32 mm)
Well Depth	140 mm (5.5 in); (101 mm [4 in] removable insert plus 38 mm [1.5 in] insulator)
Heating Time	35 minutes to 1200 °C
Cooling Time	140 minutes with block
Well-to-Well Uniformity	±2.5 °C (Insert "C" at 1200 °C)
Stabilization	20 minutes
Power	115 V AC (±10 %), 10.5 A or 230 V AC (±10 %), 5.2 A, switchable, 50/60 Hz, 1200 W
Size (HxWxD)	315 mm x 208 mm x 315 mm (12.4 in x 8.2 in x 12.4 in)
Weight	13 kg (28 lb.)
NIST-Traceable Calibration	Data at 150 °C, 300 °C, 450 °C, 600 °C, 800 °C, 1000 °C, and 1200 °C

Models and Accessories

Model Name	Description										
9150-X	Thermocouple Furnace (specify X, X = A, B, C, or D included insert)										
	<table border="1"> <thead> <tr> <th>Accessory</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3150-2</td> <td>Insert, 9150-A Alumina w / misc holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.</td> </tr> <tr> <td>3150-3</td> <td>Insert, 9150-B Alumina w / comparison holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.</td> </tr> <tr> <td>3150-4</td> <td>Insert, 9150-C Alumina w/6.25 in holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.</td> </tr> <tr> <td>3150-6</td> <td>Insert, 9150-D Alumina w/ 6 metric holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.</td> </tr> </tbody> </table>	Accessory	Description	3150-2	Insert, 9150-A Alumina w / misc holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.	3150-3	Insert, 9150-B Alumina w / comparison holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.	3150-4	Insert, 9150-C Alumina w/6.25 in holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.	3150-6	Insert, 9150-D Alumina w/ 6 metric holes Removable inserts are sized for probes with the named diameter. Use additional inserts to broaden the range of hole sizes available or to back up or replace existing inserts. This insert is designed for use with the 9150 Thermocouple Furnace.
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Accessories common to all models:

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9315	Rugged Carrying Case
Priority Gold Instrument CarePlan	Fluke Calibration Priority Gold Instrument CarePlans are available for most calibration products. Please contact your local Fluke Calibration sales representative for details or to request a quote. You may also call the Customer Care Center at 877-355-3225 or send email to careplans@flukecal.com .
Silver CarePlan	Fluke Calibration Silver CarePlans are available for most calibration products. Please contact your local Fluke Calibration sales representative for details or to request a quote. You may also call the Customer Care Center at 877-355-3225 or send email to careplans@flukecal.com .



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