

TECHNICAL DATA

# 9141 Dry-Well Calibrator



## Specifications: 9141 Dry-Well Calibrator

**Specifications**

**Range**

50 °C to 650 °C  
(122 °F to 1202 °F)

<b>Accuracy</b>	± 0.5 °C to 400 °C; ± 1.0 °C to 650 °C (holes greater than 6.35 mm: ± 2 °C)
<b>Stability</b>	± 0.05 °C at 100 °C ± 0.12 °C at 500 °C ± 0.12 °C at 650 °C
<b>Well-to-Well Uniformity</b>	± 0.1 °C below 400 °C, ± 0.5 °C above 400 °C with similarly sized wells
<b>Heating Times</b>	12 minutes from ambient to 650 °C
<b>Cooling Times</b>	25 minutes from 650 °C to 100 °C
<b>Stabilization Time</b>	7 minutes
<b>Immersion Depth</b>	124 mm (4.875")
<b>Inserts</b>	 <ul style="list-style-type: none"> <li>• Insert A handles a full range of probe sizes with a single well of each size.</li> <li>• Insert B features two wells each of 3/8, 1/4, and 3/16 inches in diameter for doing comparison calibrations.</li> <li>• Insert C has six 1/4-inch-diameter wells for multiple probe calibrations.</li> <li>• Insert D has three pairs of metric sized wells.</li> </ul>
<b>Outside Insert Dimensions</b>	28.5 mm dia. x 124 mm (1.12 x 4.88 in)
<b>Computer Interface</b>	RS-232 included with free <i>Interface-it</i> software (Model 9930)
<b>Power</b>	115 V ac (± 10 %), 8.8 A or 230 V ac (± 10 %), 4.4 A, switchable, 50/60 Hz, 1000 W
<b>Size (WxHxD)</b>	109 x 236 x 185 mm (4.3 x 9.3 x 7.3 in)
<b>Weight</b>	3.6 kg (8 lb)
<b>NIST-Traceable Certificate</b>	Data at 100 °C, 200 °C, 300 °C, 400 °C, 500 °C, and 600 °C

## Ordering information



### **9141-X**

Dry-Well (specify X, X = A, B, C, or D included insert). The 9141 is now obsolete.

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