

## Tecal 650H High Temperature Range Dry Block Calibrator

The Tecal 650H includes a multiwell insert, NIST traceable calibration certificate and "Technetworks" software on CD with RS232 cable.



<b><u>Tecal 650 Technical data</u></b>			
Minimum temperature above ambient	<b><i>25°C Above ambient</i></b>	Cooling rate 600°C to 200°C	<b><i>30 min</i></b>
Maximum temperature	<b><i>650°C</i></b>	Programmable ramp rate °C/min	<b><i>0.1 to 25</i></b>
Temperature accuracy in measuring zone	<b><i>+/-0.4°C</i></b>		
Temperature gradient in measuring zone	<b><i>+/-1°C<sup>1</sup></i></b>	Switch test	<b><i>Yes</i></b>
Measuring zone	<b><i>0 to 50 mm from base of well</i></b>	Fan cooling	<b><i>Automatic</i></b>
Temperature stability after 10 mins	<b><i>+/-0.09°C</i></b>	Comms port, 9 way D-type	<b><i>Full bi-directional RS232</i></b>
Display resolution	<b><i>0.1°C or 0.1°F</i></b>	Weight (lbs)	<b><i>27.5</i></b>
Heating rate, 20°C to 600°C	<b><i>35 min</i></b>	Dimensions H x W x D mm	<b><i>285 x 190 x 426</i></b>
Warranty	<b><i>3 year parts and labor</i></b>		
<sup>1</sup> At 400°C			

### **Ordering Information**

<b><u>Catalog #</u></b>	<b><u>Model</u></b>	<b><u>Voltage</u></b>	<b><u>Hz</u></b>	<b><u>Watts</u></b>	<b><u>Weight lbs.</u></b>
3027000	TECAL 650H	<b>230V</b>	50/60	1100	28.5

3026400	TECAL 650H	120V	50/60	1100	28.5
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**Inserts for the Tecal 650**

<b><u>Catalog Number</u></b>	<b><u>Description</u></b>	<b><u>Weight lbs.</u></b>
7032539	Insert 5 x 1/4" probes	2.4
7032540	Insert 3/8" + 5/16" + 1/4" + 3/16" + 1/8" probe	2.4
7032541	Insert 2 x 3/8" + 2 x 1/4" probes	2.4
7032542	Insert 2 x 1/2" + 2 x 1/4" probes	2.4
7032543	Insert 1 x 1/4" probes	2.4
7032544	Insert blank	3.0
7032570	Insert 1 x 9/16" + 1 x 1/4" probe	2.4
7032571	Insert 1 x 5/8" + 1 x 1/4" probe	2.4
7032572	Insert 1 x 11/16" + 1 x 1/4" probe	2.4
7032573	Insert 1 x 3/4" + 1 x 1/4" probe	2.4

**Accessories**

<b><u>Catalog Number</u></b>	<b><u>Item</u></b>	<b><u>Voltage</u></b>	<b><u>HZ</u></b>	<b><u>Watts</u></b>	<b><u>Wgt lbs.</u></b>
7032395	Cooling probe for Tecal 425 and 650				
2040400	CH-5 chiller unit	120V	50/60	1200	58.4