

Tecal 140H Low Temperature Range Dry Block Calibrator

The Tecal 140H includes a multiwell insert, NIST traceable calibration certificate and "Technetworks" software on CD with RS232 cable.



Need a lower operating temperature? Connect a cold water supply to the Tecal 140H heatsink and achieve a temperature 45 degrees C below the water temperature.

Tecal 140 Technical data			
Minimum temperature	<i>ambient -45°C (1)</i>	Heating rate 20°C to 100°C	<i>5 min</i>
Maximum temperature	<i>140°C</i>	Cooling rate 100°C to 0°C	<i>9 min</i>
Temperature accuracy in measuring zone	<i>+/-0.3°C</i>	Programmable ramp rate °C/min	<i>0.1 to 25</i>
Temperature uniformity in measuring zone	<i>+/-0.2°C (2)</i>	Switch test	<i>Yes</i>
Measuring zone	<i>0 to 50mm from base of well</i>	Comms port, 9 way D-type	<i>Full bi-directional RS-232</i>
Temperature stability after 10 mins	<i>+/-0.05°C</i>	Weight (lbs)	<i>30</i>
Display resolution	<i>0.1°C or 0.1°F</i>	Dimensions H x W x D mm	<i>285 x 190 x 426</i>
Warranty	3 year parts and labor		
¹ -40° C absolute minimum with 5° C water circulated through block. ² At 100°C			

Ordering Information

<u>Catalog #</u>	<u>Model</u>	<u>Voltage</u>	<u>Hz</u>	<u>Watts</u>	<u>Weight lbs.</u>
3026600	Tecal 140H	230V	50/60	400	29.8
3026000	Tecal 140H	120V	50/60	400	29.8
2040400	CH-5 chiller unit	120V	50/60	1200	58.4

Inserts for the Tecal 140

<u>Catalog Number</u>	<u>Description</u>	<u>Weight</u>
7032533	Insert 5 x 1/4" probes	13oz
7032534	Insert 3/8" + 5/16" + 1/4" + 3/16" + 1/8" probe	13oz
7032535	Insert 2 x 3/8" + 2 x 1/4" probes	13oz
7032536	Insert 2 x 1/2" + 2 x 1/4" probes	13oz
7032537	Insert 1 x 1/4" probes	13oz
7032538	Insert blank	13oz
7032574	Insert 1 x 9/16" + 1 x 1/4" probe	13oz
7032575	Insert 1 x 5/8" + 1 x 1/4" probe	13oz
7032576	Insert 1 x 11/16" + 1 x 1/4" probe	13oz
7032577	Insert 1 x 3/4" + 1 x 1/4" probe	13oz