

Techne Tecal 140F Portable Field Dry Block Calibrator

The Tecal 140F covers the temperature range of 45°C below ambient to +140°C. The unit includes a multi-well insert, NIST traceable calibration, insert removal tool and industry leading 3 year warranty.

Download our free "Technetworks" software that fully controls this unit from a PC for easy temperature sensor and thermometer calibrations. You'll be able to calibrate and generate calibration certificates on up to 5 sensors at a time.



Tecal 140F Technical data

Minimum temperature	ambient -45°C	Heating rate 20°C to 100°C	5 min
Maximum temperature	140°C	Cooling rate 100°C to 0°C	9 min
Temperature accuracy in measuring zone	+/-0.3°C	Temperature stability after 10 mins	+/-0.05°C
Temperature uniformity in measuring zone	+/-0.1°C)	Display resolution	0.01°C or 0.1°F
Measuring zone	0 to 50mm from base of well	Comms port, 9 way D-type	Full bi-directional RS-232
Dimensions H x W x D inches	10.7 x 8.2 x 11.4	Weight (lbs)	29
Warranty	3 year parts and labor		

Ordering information

Catalog #	Description	Voltage	Power	Weight
FDB140FS	Tecal 140F	120V	400W	29 lbs
FDB140FR	Tecal 140F	240V	400W	29 lbs
FSC140F	Soft Carrying Case for Tecal 140F			

Optional inserts

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