

Isotech Jupiter 4852 |35°C to 660°C Calibrator

The Jupiter Dry Block range offers industry-leading performance in an easy to use portable package - ideal for the calibration of thermocouples and platinum resistance thermometers. It has been designed for fast heating and cooling for convenient field use. For flexibility surface sensor and infrared thermometer accessories can be added. The standard insert can hold up to six thermometers. For larger blocks see the Gemini range. These award winning calibrators are easy to use and are available in three versions – the Basic, the Site and the ADVANCED. The Basic has a digital display of set and nominal temperature, the Site additionally includes an inbuilt independent temperature indicator for a reference probe. The ADVANCED controller has inputs for reference and test thermometers with a further range of sophisticated features including automatic temperature cycling, secure data logging and full colour high resolution display. Isotech is a world leader in temperature calibration, providing many nations with their Primary Standards and operates a full scale UKAS accredited calibration laboratory. We can offer a range of calibration options to meet your requirements. Benefit from our experience and understanding in calibration at all levels, our evaluation reports, our tutorials and uncertainty calculations. These models meet the calibration capacity requirements of EURAMET/cg-13/v.01, CEN EA Guidelines on the Calibration of Temperature Block Calibrators, formerly EA10/13. All models include I-Cal Easy LOG software and the ADVANCED models additionally include software to manage logged data and configure the unit, more details.



Specifications	Details
Brand	Isotech
Power	115Vac or 230Vac 50/60Hz 1000 Watts
Temp Range	35°C to 660°C
Display Resolution	0.01°C from 30.00 to 99.99°C then 0.1°C: 0.01°C Over PC Interface
Weight	8.5kg
Stability	±0.02°C @ 100°C ±0.03°C @ 650°C
Standard Insert	6 pockets, 2 x 4.5mm, 2 x 6.4mm, 1 x 8.0mm, 1 x 9.5mm diameter, all 140mm deep
Calibration Volume	35mm diameter by 148mm deep
Cools from 650°C to 150°C	in 60 minutes
Heats from 30°C to 650°C	in 20 minutes

Specifications	Details
Blackbody Source	$\pm 0.3^{\circ}\text{C}$
Surface Sensor Calibrator	$\pm 0.5^{\circ}\text{C}$
Indiactor Units	$^{\circ}\text{C}$, $^{\circ}\text{F}$, K

