

Isotech Pegasus 4853 | 150°C to 1200°C Calibrator

The Pegasus range offers extreme high temperature calibration in an easy to use portable package - ideal for the calibration of high temperature thermocouples. It has been designed for fast heating and finds applications in the glass, electrical power, automotive and material processing industries. A Blackbody target can be added for the calibration of infrared thermometers. The standard insert has four 8mm pockets 80mm deep. The metal insert is strategically placed beneath 50mm of insulation to provide optimal performance over the radiant temperature range. The optional Blackbody target is used with a specially angled Type R thermocouple that sits immediately behind the target area. These award winning calibrators are easy to use and are available in three versions – ½ 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. The B model should be used with an external reference probe and indicator, such as the milliK. The thermocouples under test should be calibrated by comparison to the external probe. 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
Heating Rate	25°C / minute
Temp Range	150°C to 1200°C
Indicator Units	°C, °F, K
1200°C to 200°C	in 180 minutes*
Cools from 1200°C to 800°C	in 50 minutes*
Display Resolution	0.1°C from 150°C to 999.9°C then 1°C: 0.01°C Over PC Interface
Power	115Vac or 230Vac (50/60 Hz) 800 Watts
Brand	Isotech
Blackbody Source	±0.3°C
Standard Insert	4 x 8mm Pockets all 80mm deep + 50mm top insulator
Calibration Volume	33.5mm diameter by 130mm deep

Specifications	Details
Stability	$\pm 0.1^{\circ}\text{C}$ @ 150°C $\pm 0.2^{\circ}\text{C}$ @ 1200°C
Weight	13kg

