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Isotech Venus 4951 |-35Â°C to 140Â°C Calibrator

These models will calibrate temperature probes from -45Â°C to 250Â°C with unrivalled flexibility. As a traditional Dry Block, several thermometers can be quickly calibrated.Accessories are available to convert to a stirred liquid bath, for surface sensor calibration, to calibrate infrared thermometers and even to use as an ITS-90 Fixed Point System with calibration uncertainties as small as 0.0005Â°C. With excellent stability and distributed heating cooling zones for good uniformity these calibrators offer proven thermal performance.These award winning calibrators are easy to use and are available in three versions â 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.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.These models meet the calibration capacity requirements of EURAMET/cg-13/v.01, âEA Guidelines on the Calibration of Temperature Block Calibrators, formerly EA10/13. accuracy and best performance.

Specifications	Details
Insert Types	Choice of three
Cooling Time	140Â°C to 0Â°C: 15 mins
Heating Time	-30Â°C to 140Â°C: 15 mins
Weight	10.2kg
Stability	Â±0.03Â°C
Unformity - Between Wells Dry Block Mode (Radial)	<0.008Â°C
Uniformity - Lower 40mm (Axial) Dry Block Mode	<0.040Â°C
Uniformity - Radial Bath Mode	<0.02Â°C
Uniformity - Lower 40mm (Axial) as Liquid Bath	<0.026Â°C

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Specifications	Details
Standard Insert	6 pockets, 2 x 4.5mm, 2 x 6.4mm, 1 x 8.0mm, 1 x 9.5mm diameter, all 157mm deep
Calibration Volume	35 x 160mm
Brand	Isotech
Power	150 Watts
Temp Range	-35Â°C to 140Â°C

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