GeneralTech SHOP.COM
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Isotech Drago 4934 |30Â°C to 250Â°C Calibrator

The Hyperion and Drago have large calibration volumes, 65mm x 160mm deep, which makes them ideal to use as portable liquid baths. Stirred liquid baths are suitable for temperature sensors of all types, sizes and shapes. Liquid Baths can provide smaller calibration uncertainties than dry blocks and when used with suitable reference thermometers, accuracies of up to 0.005Ã¯Â¿Â½C can be achieved.These models are part of the award winning Isocal-6 family and with a reference probe can be used with different accessories for Dry Block, Infrared, Surface Calibration and even with ITS-90 Fixed Point Cells for uncertainties to 0.001Ã¯Â¿Â½C. In Dry Block Mode, the large 65mm diameter block allows for the calibration of either larger probes or for calibrating many sensors simultaneously.As a Liquid bath the sensors can be placed directly into the stirred liquid thus avoiding the need for specially drilled blocks. If the liquid is directly in the block then the controller only model, or Basic (B) model, can be selected. However, instead of putting liquids directly in the block liquid containers can be used to facilitate rapid change of fluids. For greater accuracy, or when using a liquid container, Dry Block Insert, Blackbody Target or the Surface Sensor Kit a separate reference thermometer should be used to compensate for the varying offset between the controller and the accessory temperature.An ideal arrangement would be to include the handheld Isotech TTI-10 or the bench top Isotech milliK Precision Thermometer and Model 935-14-16 Semi Standard Platinum Resistance Thermometer. Alternatively the SITE or ADVANCED model can be selected; the SITE includes a temperature indicator for a reference probe. The ADVANCED also includes inputs for test thermometers, automatic temperature cycling, logging and additional sophisticated features.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
Weight	8kg
Power	115 or 230Vac 50/60Hz 1000 Watts
Temp Range	30Â°C to 250Â°C

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Specifications	Details
Display Resolution	0.01Â°C from -19.99 to 99.99Â°C then 0.1Â°C: 0.01Â°C Over PC Interface
Stability	Â±0.03Â°C
Uniformity - Radial, Liquid Bath Mode	<0.007Â°C
Uniformity - Axial, Liquid Bath Mode (40mm)	<0.013Â°C
Uniformity - Radial, Dry Block Mode (Between Wells)	<0.008Â°C
Uniformity - Axial, Dry Block Mode (40mm)	<0.040Â°C
Heating Time	30Â°C to 250Â°C: 40 mins
Cooling Time	250Â°C to 30Â°C: 90 mins
Insert Size	65 x 160mm
Insert Types	Standard 8 x 8mm + 2 x 4.5mm, Undrilled or Custom Drilled