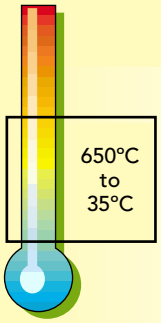
903 Portable

Temperature Test Unit



The Isotech Portable Temperature Test Unit is a model designed specifically for ease of use and for on site application where a small, light, portable unit is required. The 903 reaches its maximum temperature of 650°C in 20 minutes and features a best accuracy of 0.25°C. The unit is economically priced yet sturdy and rugged, eliminating the need for a separate carrying case.

The 903 is available in two models, the Site model, which has both a controller and a built in indicator for use with type 'N' thermocouples, and the Basic model, which has only the controller.

The unit features a shutter device on the front panel to protect the user from heated inserts falling out whilst the unit is being moved or carried, and an internal fan to aid in the cooling of the block.

An optional cooling accessory is available which connects to an air supply and speeds up the cooling of the unit.

Calibration volume is 25mm diameter by 148mm deep and the 903 is provided with an insert drilled with 3 holes, 1 x 3mm diameter, 1 x 6.5mm diameter and 1 x 9.5mm diameter. Other inserts can be provided with specially drilled calibration pockets to suit your special requirements.

A certificate of test traceable to National Standards is provided with each purchase. As an option a UKAS Internationally recognised certificate of calibration can be provided at extra cost.

Key Features

- **Wide temperature range -** +35°C to +650°C
- **Low Cost**
- **Fast response time -** 20 minutes to temperature
- **Portable**
- **Includes a traceable certificate, or a UKAS certificate at extra cost**



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Options

Metal Block Insert 	903-06-01	Standard Insert *Included*
	903-06-02	Blank Insert *Insert without pockets for local machining*
	903-06-03	Special Insert *Contact Isotech with your requirements*

UKAS Calibration	UKAS Calibration available to Order

Standard Probe	935-14-63	Type N Thermocouple for use up to 650°C

Calibration and Uncertainty

A certificate, traceable to National Standards, is included as standard. Recommended is an optional UKAS five-point calibration.

The accuracy will depend very much on the mode of use and the types of sensor to be used. Please contact Isotech for tutorials and uncertainty calculations and comprehensive evaluation reports. The 903 Portable Temperature Test unit meets the Calibration Capacity requirements of EA I0/13, "EA Guidelines on the Calibration of Temperature Block Calibrators".

Model No.	903 Portable Temperature Test unit
Temperature Range	35°C to 650°C
Stabilisation Time	10 minutes
Cools from	650°C to 50°C in 20 minutes with fast cool option
Heats from	35°C to 650°C in 20 minutes
Calibration volume	25mm diameter by 148mm deep 3 pockets, 3mm diameter, 6.5mm diameter and 9.5mm diameter
Display Resolution	0.1
Indicator units	°C, °F, K
Power	100 to 120V (50 / 60 Hz) or 200 to 240V (50 / 60 Hz) 750 Watts
Overall dimensions	Height 185mm Width 120mm Depth 232mm
Weight	4.9kg
How to Order	903 Portable Temperature Test Unit Please specify model type required Please specify voltage required Please specify options required