Model 862 - 24 Value

Resistance Thermometer Simulator

See resistance values

Isotech's well established Resistance Thermometer Simulator has set the standard for calibrating instruments reading from Industrial Platinum Resistance Thermometers.

Each of the 24 temperatures simulated comprise a high stability network permitting the exact resistance to be set during calibration at our Laboratory.

The high stability (10ppm/°C) of the Resistance Thermometer Simulator reduces drift and hence re-calibration costs.

Thick gold plating of all contacts ensures long life and high reliability.

TEMPERATURES SIMULATED

-100°C	-50°C	-25°C	-10°C
0°C	10°C	25°C	37°C
50°C	75°C	100°C	120°C
125°C	130°C	135°C	140°C
150°C	200°C	250°C	300°C
350°C	400°C	500°C	600°C

OTHER TEMPERATURES AVAILABLE TO SPECIAL ORDER

Key Features

- **Low temperature coefficient of resistance -** 10ppm/°C (0°C to 40°C)
- **Maximum current -** 10mA
- **Resistance tolerance -** (Initial resistance accuracy) ±0.005%
- **24 resistances equivalent to the full range of industrial temperature sensors**
- **Each resistance adjustable during calibration**
- **Traceable certificate with each simulator**



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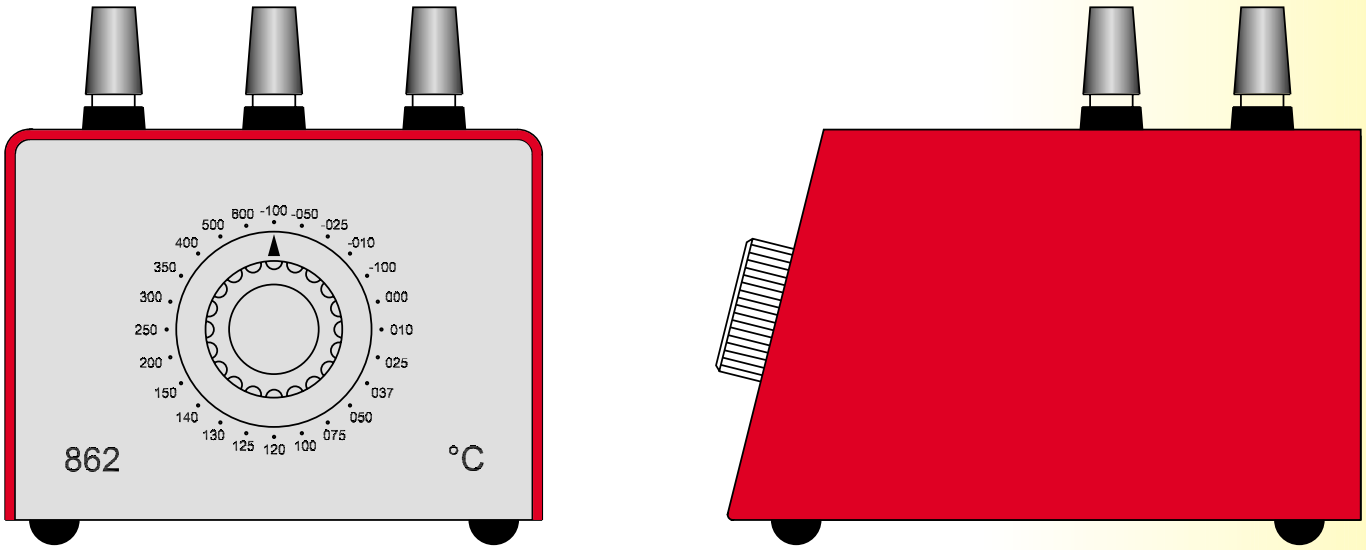


Diagram of model 862
24 Value Resistance Thermometer Simulator

Options

Model 862 Resistance Thermometer Simulator to IEC751	
Model 862 Resistance Thermometer Simulator to SAMA	
UKAS Calibration	UKAS Calibration available to Order

Model No.	862 24 Value Resistance Thermometer Simulator
Temperatures Simulated	Refer to previous page for standard temperatures, others to special order
Devices Simulated	Pt 100 100Ω at 0°C
Uncertainties	±110 ppm
Stability	10ppm/°C
Switch	Heavy duty gold plated contact resistance less than 0.01Ω
Overall dimensions	Height 110mm Width 110mm Depth 140mm
Weight	0.62kg
How to Order	Model 862 Please state to either IEC751 or SAMA Please state if UKAS Certification is required

PLEASE NOTE:

We offer other Resistor Ranges including the models 456, 836, the SRA and the SRB ranges.

For more information please contact Isotech, or visit our website www.isotech.co.uk