## Thermometers

### Thermocouple Simulator C2030



A highly accurate and versatile instrument which can simulate a known temperature to cross check calibration accuracy of other type K, J, E, T, R or N thermocouple thermometers or alternatively be used itself as a measuring instrument.

Model			C2030
Ranges*	Type K Type J Type E Type T Type R Type N	ູ ເ ເ ເ ເ ເ ເ เ เ เ เ เ เ เ เ เ เ เ เ เ	0 to +1372 -200 to +1200 -200 to +1000 -200 to +400 -50 to +1767 -200 to +1200
Accuracy (at 23°C a	ambient)	°C	±0.2 ±0.15% of reading (±0.8 ±0.6% max. with Type R sensor)
Scales			°C, °F, °A
Resolutio	n °C, °F, °	ΡA	0.1 (range 1000), 1 (range >1000)
Power			9V PP3 Alkaline battery
Dimensio W x D x I		mm	70 x 130 x 33

\* Measure or simulate modes.

#### **Thermocouple Simulator C2030**

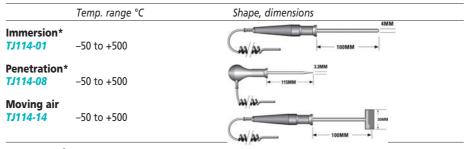
As described. Supplied with thermometer connector, with 1m coiled cable and miniplugs at each terminal, 9V battery and instructions. **TJ109-05** C2030

**BL610-25** Spare 9V battery

# Accessory Probes for C2000 Series Thermometers and Model C2030

#### Platinum Resistance (Pt100) Probes for TJ107-25 only

With encapsulated handle, 2 metre coiled cable and connector.



\* Waterproof.

#### Thermocouple Probes for TJ105-10 to TJ105-30 and TJ109-05

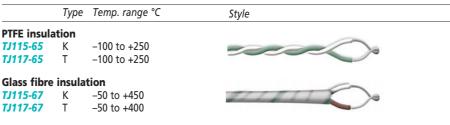
Mineral insulated. Types K or T thermocouples with encapsulated handle, 2 metre coiled cable and connector with heavy duty, food safe, polyurethane sleeving and miniplug.

	Туре	Temp. range °C	Shape, dimensions
Still air			4MM
TJ115-30	Κ	–100 to +750	
TJ117-30	Т	-100 to +450	
General p	urpose		1.5MM
TJ115-33	K	-200 to +1100	
TJ117-33	Т	-200 to +400	
General p	urpose*		1.5MM
TJ115-36	ĸ	-200 to +1100	
TJ117-36	Т	-200 to +400	300MM
Needle*			3.3ММ
TJ115-39	К	-100 to +280	↓ 115MM →
TJ117-39	Т	-100 to +280	tw/se
Spring-loa	ded		6MM
TJ115-42	К	-50 to +600	

\* Waterproof.

#### Fine Wire Thermocouple Sensors for TJ105-10 to TJ105-30 and TJ109-05

Low mass, small bead thermocouples, 0.2mm diameter, giving fast response and excellent repeatability in air, liquid or surface applications. Supplied 1 metre long with miniplug.



#### **Alternative Thermocouples**

A wide variety of thermocouple types and styles and for use at extreme ranges can be offered on receipt of detailed specifications - *please contact us with your requirements*.



TJ109-05



