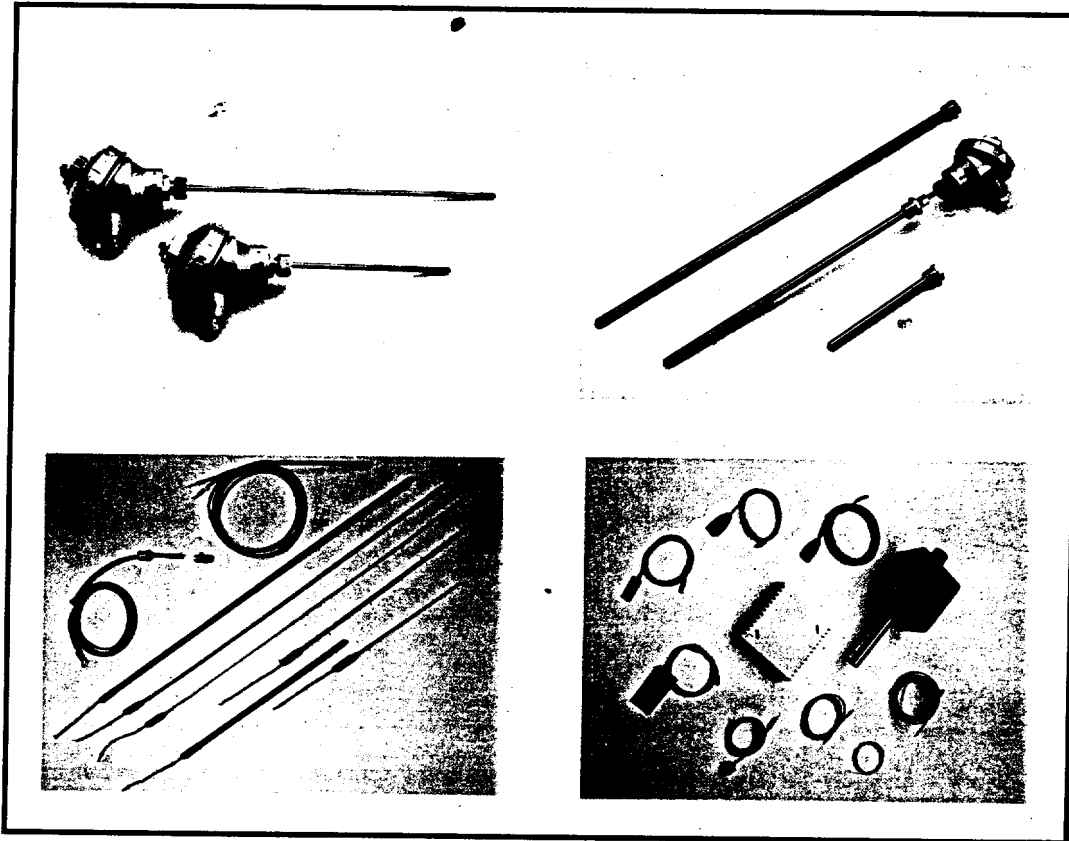


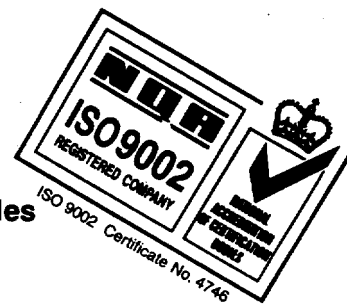
A COMPLETE RANGE OF THERMOCOUPLE AND RTD SENSORS FROM STOCK

107-8110, 8122, 8134, 8146, 8158, 8160, 8171, 8183
 Labfacility, designers and manufacturers of thermocouple and RTD sensors for over 20 years, now offer a greatly extended range of standard assemblies from stock. This standard range is designed to meet the requirement of most applications "off the shelf" and at highly competitive prices but custom made alternatives can be supplied to precise requirements on quick delivery.



8145
 8201
 8213
 8225
 8237
 8898

- ◆ Thermocouple types J, K and T
- ◆ Pt100 sensors
- ◆ Mineral insulated type K thermocouples
- ◆ Industrial heavy duty sensors with waterproof terminal heads
- ◆ Thermopockets
- ◆ Exposed junction, magnetic and self-adhesive patch thermocouples
- ◆ Pt100 sensors for surface and air temperature measurement.
- ◆ Thermocouples for plastics and general purpose applications
- ◆ All available from stock
- ◆ All complemented by large stocks of installation fittings, thermocouple connectors, cable and other accessories.
- ◆ Custom made assemblies are available to special order in any commercially available type of thermocouple, thermistor or resistance thermometer
- ◆ All British design and manufacture by Labfacility
- ◆ Applications and technical advice freely available.



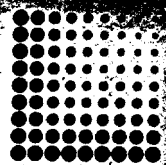
If the required thermoelement type or configuration is not included in this leaflet, please contact our sales department; we are pleased to quote for any requirement.

As a leading UK manufacturer of temperature sensors, Labfacility is able to provide "specials" for almost any application.

LABFACILITY LIMITED

Tel: 0181 943 5331 Fax: 0181 943 4351

HEADQUARTERS: LABFACILITY LTD, 99 Waldegrave Road, Teddington, Middlesex TW11 8LR, UK. Tel: 0181 943 5331 Telex: 8952151 Intemp G Fax: 0181 943 4351
 NORTHERN DIVISION: LABFACILITY LTD, Unit 7 Abbey Way, North Anston Trading Estate, Dinnington, Sheffield S31 7LJ, UK. Tel. 01909 569446 Fax 01909 550632



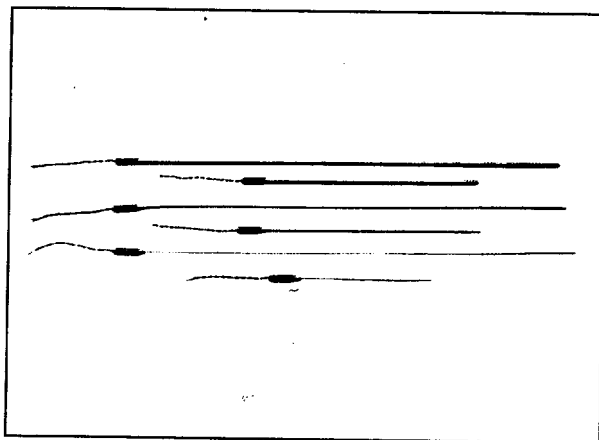
TYPE K MINERAL INSULATED THERMOCOUPLES

This range of rugged type K mineral insulated thermocouple probes is suitable for temperatures up to 1100°C. The probes can be bent to enable fitting in awkward locations, and being very reliable and stable, are particularly suitable for industrial applications including high pressure, high vacuum, high vibration and harsh environments in general.

The thermocouple junction is located at the tip and is insulated from the sheath.

The probes are available in various diameters and lengths. Smaller diameter probes respond to temperature changes more rapidly than larger diameters. However, larger diameter probes are mechanically stronger and have a longer operational life when used at high temperatures.

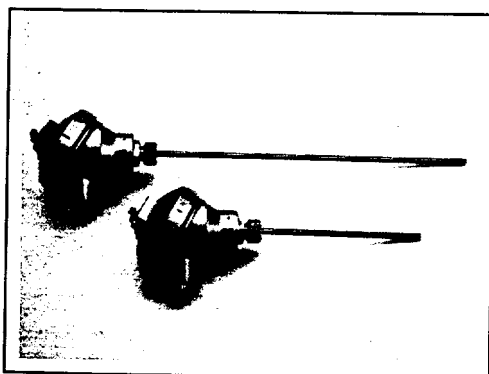
Labfacility offers a wide range of compression fittings for installation of mineral insulated thermocouples (details available on request - separate leaflet refers).



Specifications		Order Codes			
Sensor:	Type K to BS4937 Part 4	Diam x Length (mm)	Order Code	Diam x Length (mm)	Order Code
Sheath:	310 stainless steel	1.0 x 150	KMI-020-X	3.0 x 150	KMI-250-X
Temperature range of probe:	-50 to +1100°C	1.0 x 250	KMI-030-X	3.0 x 250	KMI-300-X
Max temperature of pot seal (cold end):	200°C	1.5 x 150	KMI-050-X	3.0 x 500	KMI-350-X
Lead:	100mm, PTFE insulated	1.5 x 250	KMI-100-X	3.0 x 1000	KMI-400-X
		1.5 x 500	KMI-150-X	6.0 x 250	KMI-450-X
		1.5 x 1000	KMI-200-X	6.0 x 500	KMI-500-X

Alternatively we can supply custom-made probes to special order - please contact our sales department.

INDUSTRIAL TYPE K THERMOCOUPLES WITH TERMINAL HEADS



This range of industrial type K thermocouples is suitable for a wide variety of applications with a maximum temperature of 1100°C. These mineral insulated thermocouples are very rugged, comprising a strong 6mm diameter stainless steel stem and waterproof aluminium terminal head. The head houses a terminal block with terminals of thermocouple material; cable entry is via a M20 cable gland.

The thermocouple junction is located at the tip and insulated from the sheath.

The probes are available in various lengths and can be installed using Labfacility compression fittings and/or thermopockets.

These assemblies can be supplied with head mounting 4-20mA transmitters to special order - please contact our sales department

Specifications		Order Codes	
Sensor:	Type K to BS4937 Part 4	Probe Length(mm)	Order Code
Sheath:	6mm diameter 310 stainless steel	150	K-150-KNE-X
Terminal Head:	Waterproof, die cast aluminium with epoxy coating. Screw lid with retaining chain	200	K-200-KNE-X
Temperature range of probe:	-50 to +1100°C	300	K-300-KNE-X
		400	K-400-KNE-X
		600	K-600-KNE-X

Alternatively we can supply custom-made probes to special order - please contact our sales department.

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