

# LABFACILITY

TEMPERATURE TECHNOLOGY

## PLUG-IN THERMOCOUPLES

708-1601

Interchangeable, plug-in, Type K thermocouples with host handle (Tips as hand held probes overleaf)

All of these probes have stainless steel sheaths terminated in a miniature thermocouple connector and plug into a moulded handle via a built-in thermocouple socket. The handle is supplied with 1.5 metres of coiled extension cable terminated in a miniature thermocouple plug for use with Labfacility instruments.



MODEL HH-PL

Handle for use with plug-in probes with type K cable and miniature plug.

ORDER CODE  
HH-PL-K

MODEL A-PL



Surface temperature spring loaded thermocouple with copper disc tip.  
Max 850°C. Probe 4.7mm dia x 80mm

ORDER CODE  
A-PL-K

MODEL C-PL

Surface temperature fast response thermocouple with ceramic tip and coiled element.  
Max 900°C Probe 7.9mm dia x 100mm

ORDER CODE  
C-PL-K

MODEL L-PL

Fast response gas/air temperature thermocouple with cross drilled holes in sheath around exposed measuring junction.  
Max 750°C Probe 4mm dia x 90mm

ORDER CODE  
L-PL-K

MODELS E1-PL, E2-PL

General Purpose mineral insulated thermocouples with insulated measuring junctions. Flexible sheath

ORDER CODE

Max 1100°C

Model E1-PL: 100mm x 1.5mm dia.  
Model E2-PL: 200mm x 3.0mm dia.

E1-PL-K  
E2-PL-K

MODELS F1-PL, F2-PL

Chisel tip, rigid thermocouple for semi-solid materials (e.g. food, plastics, rubber).

ORDER CODE

Max 350°C

Model F1-PL: 75mm x 1.8mm dia  
Model F2-PL: 100mm x 3.2mm dia

F1-PL-K  
F2-PL-K

MODELS M-PL

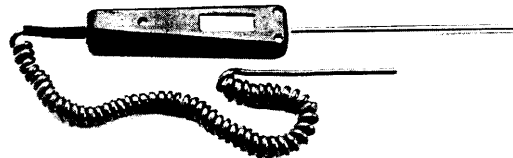
General purpose thermocouple  
Max 350°C. Probe 4.8mm dia x 150mm

ORDER CODE  
M-PL-K

Note: Alternative thermocouple types can be supplied to special order ( e.g. types T, J etc).

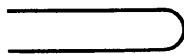
### Pt100 Surface, Immersion and Air Temperature Probes

All of these probes have stainless steel sheaths with a moulded handle and 1.5 metres of coiled extension cable. All use 4 wire configuration and have a detector accuracy to BS1904: 1984 Grade B. Closer tolerance detectors can be used to special order.



Pt100 sensors are supplied without connectors as standard. A connector suitable for Labfacility Model 2050L can be fitted at extra cost.

MODEL RTA



Fast response, general purpose immersion probe.  
Max 350°C Probe 4.0mm dia x 100mm

ORDER CODE  
RTA

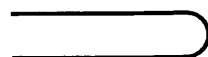
MODEL RTB



Needle probe resistance thermometer for penetration applications.  
Max 250°C. Probe 2.4mm dia x 75mm

ORDER CODE  
RTB

MODEL RTC



General purpose, high temperature probe.  
Max 500°C. Probe 4.7mm dia x 200mm

ORDER CODE  
RTC

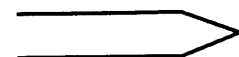
MODEL RTD



Air temperature probe with vented outer radiation shield.  
Max 250°C Probe 6mm overall dia. x 150mm

ORDER CODE  
RTD

MODEL RTE



Heavy duty penetration probe with pointed tip.  
Max 350°C. Probe 6mm dia x 150mm

ORDER CODE  
RTE

Specifications may be subject to change

### 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

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