Hand Held Temperature Probes

type K thermocouple

		order code	
penetration probe  *Ø3.3 x 130 mm*	This stainless steel penetration probe is strong, versatile and ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Probe temperature range -60 to 250 °C.	123-160 323-160 *(coiled lead)*	
penetration probe  *Ø3.3 x 300 mm*	This extended, stainless steel penetration probe is versatile and ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Probe temperature range -60 to 250 °C.	123-168 323-168 *(coiled lead)*	
fast response probe  *Ø3.3 x 100 mm*	This reduced tip, fast response, stainless steel penetration probe is ideal for liquids or semi-solids i.e. soft rubber and other similar materials. Response time less than two seconds. Probe temperature range -60 to 250 °C.	123-159 323-159 *(coiled lead)*	
needle penetration probe  *Ø1.8 x 130 mm*	This fast response, stainless steel, needle penetration probe is suitable for liquids and semi-solids including soft rubber/plastic etc. Response time less than two seconds. Probe temperature range -60 to 250 °C.	123-100 323-100 *(coiled lead)*	
PTFE handle probe  *Ø3.3 x 130 mm*	This high temperature penetration probe incorporates a PTFE handle and a two metre PTFE lead, making it ideal for ovens. Response time less than three seconds. Probe temperature range -60 to 250 °C.	133-162	
oven probe  *Ø3.3 x 130 mm*	This oven probe has a stainless steel handle and a two metre PTFE high temperature lead. An oven probe without a handle is available. Response time less than four seconds. Probe temperature range -60 to 250 °C	133-170 133-173 *(no handle)*	
rigid between pack probe  *Ø4.5 x 130 mm*	This rigid, stainless steel between pack probe is strong and versatile, designed specifically to measure between packets or boxes of produce. Response time less than three seconds. Probe temperature range -60 to 250 °C.	123-060 323-060 *(coiled lead)*	
high temperature probe  *Ø1.5 x 130 mm*	This flexible, MI probe can be bent to any shape without affecting its performance. Ideal for measuring high temperatures, i.e. fryers/ furnaces. Response time less than two seconds. Probe temperature range -200 to 1100 °C.	123-204 323-204 *(coiled lead)*	
high temperature probe  *Ø3 x 130 mm*	This flexible, MI probe can be bent to any shape without affecting its performance. Ideal for measuring high temperatures, i.e. fryers/furnaces. Response time less than two seconds. Probe temperature range -200 to 1100 °C.	123-212 323-212 *(coiled lead)*	

Please note: for hand held type T thermocouple probes, replace the third digit (3) of the order code with the number 7

Hand Held Temperature Probes

type K thermocouple

		order code	
Binder probe  *Ø3 x 130 mm*	This rounded tip, stainless steel probe is designed for inserting into Binder self-sealing glands to measure the temperature of vessels or radiators. Response time less than three seconds. Probe temperature range -60 to 250 °C.	123-240 323-240 *(coiled lead)*	
air or gas probe  *Ø4.5 x 130 mm*	This stainless steel, fast response air/gas probe is ideal for measuring air temperature in chill cabinets, fridges, freezers, offices, storage areas and similar. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	123-300 323-300 *(coiled lead)*	
ribbon surface probe  *Ø15 x 130 mm*	This precision, ribbon surface probe utilises flat ribbon technology that ensures a fast, accurate response with minimal heat loss. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C. A right-angled version is also available.	123-030 123-032 *(right-angled)*	
ribbon surface probe  *Ø8 x 130 mm*	This precision, ribbon surface probe utilises flat ribbon technology that ensures a fast, accurate response with minimal heat loss. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C. A right-angled version is also available.	123-044 123-052 *(right-angled)*	
waterproof surface probe  *Ø8 x 130 mm*	This waterproof, ribbon surface probe incorporates a MPK moulded plug and utilises flat ribbon technology to ensure a fast, accurate response with minimal heat loss. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	123-046 323-046 *(coiled lead)*	
surface probe  *Ø6 x 130 mm*	This surface probe incorporates a spring-loaded copper disc sensing tip. The probe is ideal for a variety of surface temperature measurements. Response time less than two seconds. Probe temperature range -60 to 600 °C.	123-000	
heavy duty surface probe  *Ø12 x 130 mm*	This high temperature surface probe is ideal for measuring the temperature of griddles, hotplates etc. A right-angled version is available. Response time less than one second. Probe temperature range -60 to 1000 °C.	123-020 123-028 *(right-angled)*	
penetration probe  *Ø3.3 x 100 mm*	This small handled, stainless steel penetration probe is strong and versatile. Ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Probe temperature range -60 to 250 °C.	123-162	
fast-response probe  *Ø3.3 x 100 mm*	This small handled, fast response, stainless steel penetration probe is ideal for liquids or semi-solids i.e. soft rubber and other similar materials. Response time less than two seconds. Probe temperature range -60 to 250 °C.	123-158	

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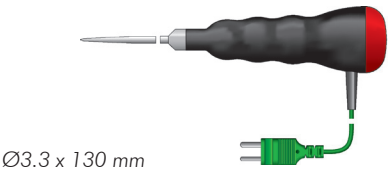
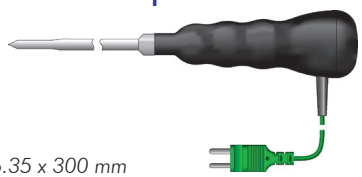
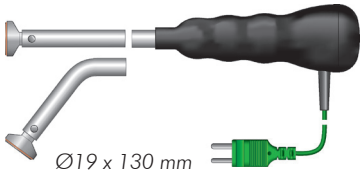
Waterproof Temperature Probes

heavy duty type K thermocouple

		order code	
penetration probe  *Ø3.3 x 130 mm*	This stainless steel, waterproof penetration probe is strong and versatile and incorporates a heavy duty ribbed handle with a colour-coded end cap. Suitable for general purpose applications including liquids and semi-solids. Response time less than three seconds. Probe temperature range -60 to 250 °C.	● 143-162 ● 143-163 ● 143-164 ● 143-165 ○ 143-166 ● 143-167	
penetration probe  *Ø6.35 x 300 mm*	This reduced tip, waterproof, stainless steel penetration probe incorporates a heavy duty ribbed handle. The probe is ideal for heavier duty applications including food processing, asphalt and other similar materials. Response time less than ten seconds. Probe temperature range -60 to 250 °C.	143-120	
bell surface probes  *Ø19 x 130 mm*	These fast response, waterproof surface probes utilise a bell-shaped housing with a thin, flat, stainless steel measuring disc that ensures a fast, accurate response. Ideal for measuring a variety of surface temperatures. Response time less than five seconds. Probe temperature range -60 to 200 °C.	143-080 *(straight)* 143-084 *(45 ° angle)* 143-086 *(90 ° angle)*	

Please note: the above thermocouple probes are supplied with a moulded thermocouple connector. For hand held type T thermocouple probes, replace the third digit (3) of the order code with the number 7

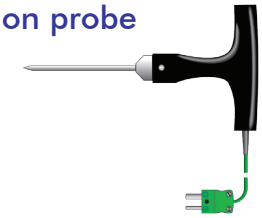
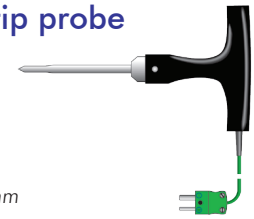
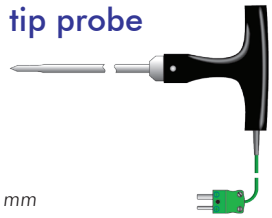
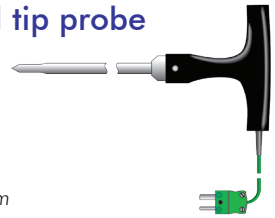
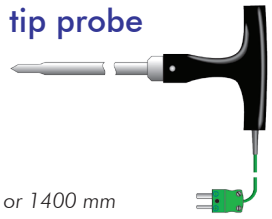
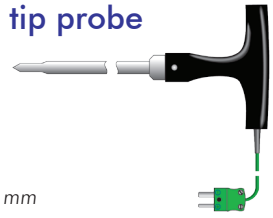
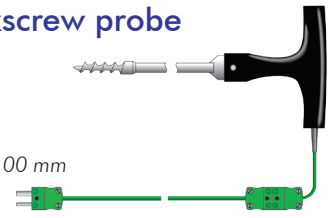
Interchangeable Probe Handle

& plug-mounted type K thermocouple probes

		order code	
NEW **interchangeable probe handle**  *Ø25 x 151 mm*	This interchangeable probe handle incorporates a miniature thermocouple socket, to be used in conjunction with our range of plug-mounted probes. Supplied with a one metre coiled PU lead and miniature plug.	323-950	
penetration probe  *Ø3.3 x 120 mm*	This stainless steel, penetration probe is strong, versatile and ideal for liquids or semi-solids. Response time less than three seconds. Probe temperature range -60 to 250 °C.	133-161	
air or gas probe  *Ø3.3 x 120 mm*	This probe has a perforated stainless steel tip for fast response. Ideal for chill cabinets, fridges, freezers and HVAC units. Response time less than one second. Probe temperature range -60 to 250 °C.	133-301	
surface probe  *Ø8 x 120 mm*	This stainless steel, surface probe uses flat ribbon technology ensuring a fast, accurate response with minimal heat loss. A right-angled version is also available. Response time less than one second. Probe temperature range -60 to 250 °C.	133-045 133-046 *(right-angled)*	

Heavy Duty Temperature Probes

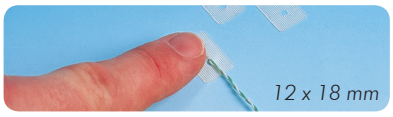
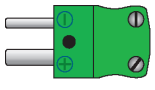
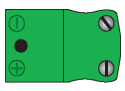
type K thermocouple

		order code	
penetration probe  *Ø4 x 100 mm*	This robust Ø4 mm stainless steel penetration probe incorporates a T-shaped polypropylene handle. The probe is ideal for a variety of heavy duty applications including food processing and other similar industries. Response time less than four seconds. Probe temperature range -60 to 250 °C.	133-124	
reduced tip probe  *Ø6.35 x 100 mm*	This robust Ø6.35 mm stainless steel, reinforced needle probe incorporates a T-shaped polypropylene handle and a reduced sensing tip for faster response. Ideal for a variety of heavy duty applications including food processing etc. Response time less than nine seconds. Probe temperature range -60 to 250 °C.	133-126	
reduced tip probe  *Ø6.35 x 300 mm*	This extended, robust Ø6.35 mm stainless steel, reinforced needle probe incorporates a T-shaped polypropylene handle and a reduced sensing tip for faster response. Ideal for a variety of heavy duty applications including food processing etc. Response time less than ten seconds. Probe temperature range -60 to 250 °C.	133-120	
reduced tip probe  *Ø8 x 500 mm*	This Ø8 mm stainless steel, reinforced needle probe incorporates a T-shaped polypropylene handle and a reduced sensing tip for faster response. Ideal for a variety of heavy duty applications including food processing etc. Response time less than ten seconds. Probe temperature range -60 to 250 °C.	133-130	
reduced tip probe  *Ø9.5 x 1000 or 1400 mm*	This Ø9.5 mm stainless steel, reinforced needle probe incorporates a T-shaped polypropylene handle and a reduced sensing tip for faster response. Ideal for applications where a longer probe is required, i.e. grain silos. Response time less than 17 seconds. Probe temperature range -60 to 250 °C.	133-136 *(1000 mm)* 133-135 *(1400 mm)*	
reduced tip probe  *Ø9.5 x 2000 mm*	This Ø9.5 mm stainless steel reinforced needle probe incorporates a T-shaped polypropylene handle and a reduced sensing tip for faster response. Ideal for applications where a very long probe is required, i.e. grain silos. Response time less than 17 seconds. Probe temperature range -60 to 250 °C.	133-133	
corkscrew probe  *Ø8 x 100 mm*	This stainless steel probe incorporates a heavy duty T-shaped polypropylene handle and a corkscrew design sensing tip. Ideal for industrial and food processing applications. Each probe is supplied with a one metre PVC detachable lead. Response time less than nine seconds. Probe temperature range -60 to 250 °C.	133-175	

Please note: for hand held type T thermocouple probes, replace the third digit (3) of the order code with the number 7

Fast Response Temperature Probes

exposed junction wire type K thermocouple

		order code	
PTFE wire probe  *Ø1.5 x 1000 mm*	This 1000 mm PTFE insulated, exposed junction wire probe is suitable for measuring the air temperature in fridges, freezers, ovens etc. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	133-362	
PTFE wire probe  *Ø1.5 x 2000 mm*	This 2000 mm PTFE insulated, exposed junction wire probe is suitable for measuring the air temperature in fridges, freezers, ovens etc. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	133-363	
heavy duty PTFE wire probe  *Ø2.4 x 1000 mm*	This 1000 mm heavy duty, PTFE insulated wire probe is ideal for measuring the air temperature in fridges, freezers etc. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	133-372	
heavy duty PTFE wire probe  *Ø2.4 x 2000 mm*	This 2000 mm heavy duty, PTFE insulated wire probe is ideal for measuring the air temperature in fridges, freezers etc. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	133-373	
fibreglass wire probe  *Ø1.5 x 1000 mm*	This 1000 mm fibreglass, exposed junction wire probe is ideal for measuring the air temperature of ovens, hot cupboards and similar appliances. Response time less than 0.5 of a second. Probe temperature range -60 to 350 °C.	133-382	
fibreglass wire probe  *Ø1.5 x 2000 mm*	This 2000 mm fibreglass, exposed junction wire probe is ideal for measuring the air temperature of ovens, hot cupboards and similar appliances. Response time less than 0.5 of a second. Probe temperature range -60 to 350 °C.	133-383	
attachment pads  *12 x 18 mm*	These easy to use attachment pads are supplied in packs of 25. The pads are recommended for attaching small diameter wire thermocouples to surfaces. These PTFE pads operate in the range of -50 to 200 °C.	600-485	
miniature plug  *16 x 19 mm*	Miniature thermocouple plugs are a must for accurate readings when joining probe cables. The flat pins are manufactured from compatible thermocouple material and can accommodate wires up to Ø0.5 mm.	625-217	
miniature socket  *16 x 25 mm*	Miniature thermocouple sockets are a must for accurate readings when joining probe cables. The socket incorporates compatible thermocouple material and can accommodate wires up to Ø0.5 mm.	421-501	

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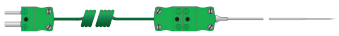
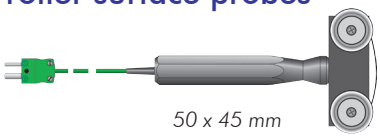
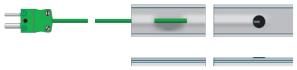
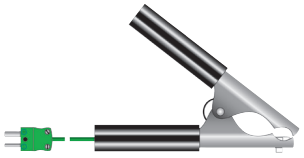
Special Temperature Probes

type K thermocouple

		order code	
miniature needle probe  *Ø1.4 reducing to Ø1 mm tip x 50 mm*	This miniature, stainless steel needle probe is supplied with a one metre PTFE lead. Ideal for measuring small semi-solid items. Response time less than one second. Probe temperature range -60 to 250 °C.	133-180	
fast response meat probe  *Ø1 mm tip x 90 mm*	This fast response, meat penetration probe is specially designed for measuring burger patties etc. Supplied with a one metre coiled lead. Response time less than one second. Probe temperature range -60 to 250 °C.	133-150	
magnet surface probe  *Ø24 x 28 mm*	This magnet probe is supplied with a 500 mm PTFE lead. Ideal for monitoring the surface temperature of ferrous metals, e.g. radiators or hotplates. Response time less than 20 seconds. Probe temperature range -20 to 80 °C.	133-017	
roller surface probes  *50 x 45 mm*	These roller surface probes have either s/steel or PTFE wheels and are designed for measuring moving surfaces. Max. speed 100 metres per minute. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	123-038 *(s/steel)* 123-036 *(PTFE)*	
velcro pipe probe  *20 x 500 mm*	This 500 mm wrap-around velcro pipe probe is suitable for medium and large pipe temperature measurement in the HVAC industry. Response time less than 20 seconds. Probe temperature range -10 to 100 °C.	133-080	
pipe clamp probe  *for pipes from Ø6 to Ø30 mm*	This robust, pipe clamp temperature probe is suitable for measuring the surface temperature of pipes in refrigeration, heating and ventilating systems etc. Response time less than two seconds. Simple clamp-on design for simplicity of use. Probe temperature range -10 to 100 °C.	133-040	
black ball probe  *Ø50 mm*	This black ball probe is designed to measure the radiation temperatures in hot cupboards, ovens etc. Supplied with a two metre stainless steel braided lead. Response time less than six seconds. Probe temperature range 0 to 200 °C.	133-475	
adjustable tyre probe  *Ø1 x 10 mm*	This fast response tyre probe has an adjustable depth stop (1 to 10 mm) which the user can manually set. This probe has been specifically designed for measuring tyre temperatures and is supplied with a one metre coiled lead. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.	343-100	

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