










# Hand Held Temperature Probes

## type K thermocouple










		order code	£ each
<b>penetration probe</b>  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 -75 to 250 °C.	123-160	27.50
		323-160 <i>(coiled lead)</i>	28.50
<b>penetration probe</b>  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 -75 to 250 °C.	123-168	32.50
		323-168 <i>(coiled lead)</i>	33.50
<b>fast response probe</b>  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 -75 to 250 °C.	123-159	30.50
		323-159 <i>(coiled lead)</i>	31.50
<b>needle penetration probe</b>  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 -75 to 250 °C.	123-100	29.50
		323-100 <i>(coiled lead)</i>	30.50
<b>oven probe</b>  Ø3.3 x 130 mm	This oven probe has a stainless steel handle and a two metre PTFE high temperature lead. Response time less than four seconds. Probe temperature range -75 to 250 °C	133-170	43.50
<b>oven probe - no handle</b>  Ø3.3 x 130 mm	Ideal for continuous temperature monitoring this oven probe is without a handle, and incorporates a two metre PTFE high temperature lead. Response time less than four seconds. Probe temperature range -75 to 250 °C	133-173	20.50
<b>rigid between pack probe</b>  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 -75 to 250 °C.	123-060	30.50
		323-060 <i>(coiled lead)</i>	31.50
<b>high temperature probe</b>  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	30.50
		323-204 <i>(coiled lead)</i>	31.50
<b>high temperature probe</b>  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	30.50
		323-212 <i>(coiled lead)</i>	31.50

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

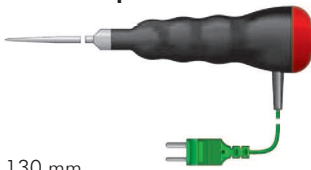
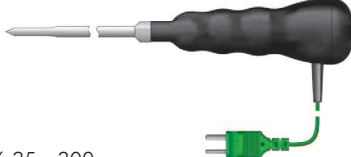
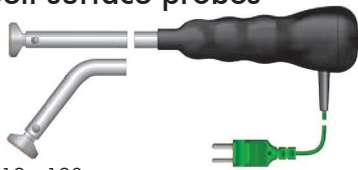
## type K thermocouple

		order code	£ each
<b>Binder probe</b>  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 -75 to 250 °C.	123-240	28.50
		323-240 <i>(coiled lead)</i>	29.50
<b>air or gas probe</b>  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 -75 to 250 °C.	123-300	27.50
		323-300 <i>(coiled lead)</i>	28.50
<b>ribbon surface probe</b>  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 -75 to 250 °C. A right-angled version is also available.	123-030	38.00
		123-032 <i>(right-angled)</i>	42.50
<b>ribbon surface probe</b>  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 -75 to 250 °C. A right-angled version is also available.	123-044	29.50
		123-052 <i>(right-angled)</i>	32.00
<b>waterproof surface probe</b>  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 -75 to 250 °C.	123-046	34.50
		323-046 <i>(coiled lead)</i>	35.50
<b>surface probe</b>  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 -100 to 600 °C.	123-000	30.50
<b>heavy duty surface probe</b>  Ø12 x 130 mm	This high temperature surface probe is ideal for measuring the temperature of griddles, hotplates etc. Response time less than one second. Probe temperature range -100 to 1000 °C. A right-angled version is also available.	123-020	32.50
		123-028 <i>(right-angled)</i>	41.50
<b>penetration probe</b>  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 -75 to 250 °C.	123-162	25.00
<b>fast response probe</b>  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 -75 to 250 °C.	123-158	27.00

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# Waterproof Temperature Probes





## heavy duty type K thermocouple

		order code	£ each
<b>penetration probe</b>  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 -75 to 250 °C.	● 143-162	30.00
		● 143-163	30.00
		● 143-164	30.00
		● 143-165	30.00
		○ 143-166	30.00
		● 143-167	30.00
<b>reduced tip probe</b>  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 -75 to 250 °C.	143-120	35.00
<b>bell surface probes</b>  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 -75 to 200 °C.	143-080 <i>(straight)</i>	36.00
		143-084 <i>(45° angle)</i>	38.00
		143-086 <i>(90° angle)</i>	38.00

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

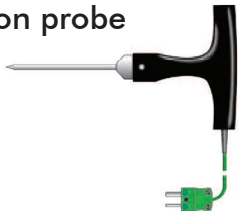
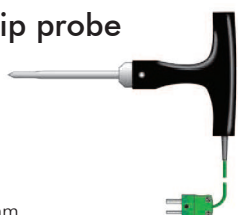
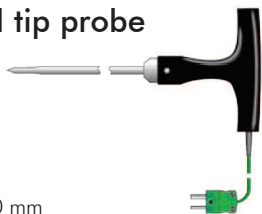
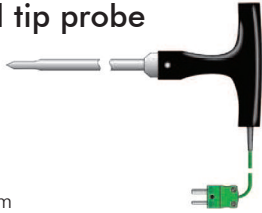
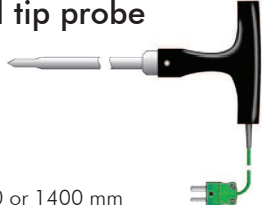
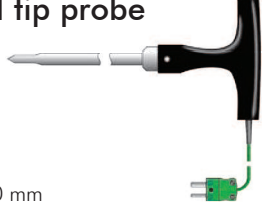
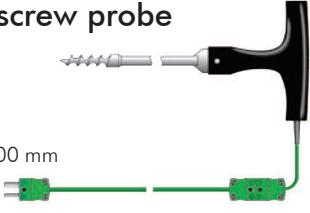
## & plug-mounted type K thermocouple probes

		order code	£ each
<b>interchangeable probe handle</b>  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	19.00
<b>penetration probe</b>  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 -75 to 250 °C.	133-161	14.00
<b>air or gas probe</b>  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 -75 to 250 °C.	133-301	13.50
<b>surface probe</b>  Ø8 x 120 mm	This stainless steel, surface probe uses flat ribbon technology ensuring a fast, accurate response with minimal heat loss. Response time less than one second. Probe temperature range -75 to 250 °C. A right-angled version is also available.	133-045	19.00
		133-046 <i>(right-angled)</i>	20.50



# Heavy Duty Temperature Probes

## type K thermocouple

		order code	£ each
<p><b>penetration probe</b></p>  <p>Ø4 x 100 mm</p>	<p>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 -75 to 250 °C.</p>	133-124	34.50
<p><b>reduced tip probe</b></p>  <p>Ø6.35 x 100 mm</p>	<p>This robust Ø6.35 mm stainless steel, reinforced pointed 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 -75 to 250 °C.</p>	133-126	34.50
<p><b>reduced tip probe</b></p>  <p>Ø6.35 x 300 mm</p>	<p>This extended, robust Ø6.35 mm stainless steel, reinforced pointed 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 -75 to 250 °C.</p>	133-120	35.50
<p><b>reduced tip probe</b></p>  <p>Ø8 x 500 mm</p>	<p>This Ø8 mm stainless steel, reinforced pointed 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 -75 to 250 °C.</p>	133-130	40.00
<p><b>reduced tip probe</b></p>  <p>Ø9.5 x 1000 or 1400 mm</p>	<p>This Ø9.5 mm stainless steel, reinforced pointed 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 -75 to 250 °C.</p>	133-136 (1000 mm)	60.00
		133-135 (1400 mm)	70.00
<p><b>reduced tip probe</b></p>  <p>Ø9.5 x 2000 mm</p>	<p>This Ø9.5 mm stainless steel reinforced pointed 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 -75 to 250 °C.</p>	133-133	80.00
<p><b>corkscrew probe</b></p>  <p>Ø8 x 100 mm</p>	<p>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 -75 to 250 °C.</p>	133-175	57.00

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# Fast Response Temperature Probes

## exposed junction wire type K thermocouple




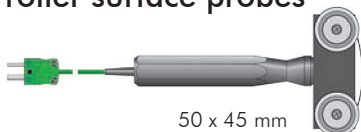
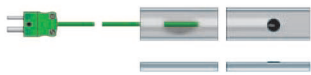
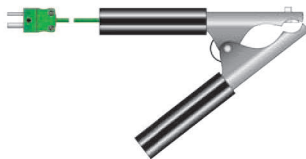

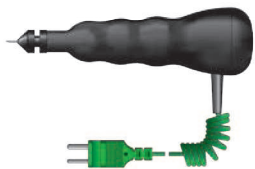
		order code	£ each
<b>PTFE wire probe</b>  Ø1.5 x 1000 or 2000 mm	This PTFE insulated, exposed junction wire probe is suitable for measuring the air temperature in fridges, freezers, ovens etc. Response time less than 0.5 of a second. Probe temperature range -75 to 250 °C.	133-362 (1000 mm)	7.50
		133-363 (2000 mm)	8.50
<b>heavy duty PTFE wire probe</b>  Ø2.4 x 1000 or 2000 mm	This 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 -75 to 250 °C.	133-372 (1000 mm)	11.00
		133-373 (2000 mm)	13.00
<b>fibreglass wire probe</b>  Ø1.5 x 1000 or 2000 mm	This 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 (1000 mm)	8.50
		133-383 (2000 mm)	9.50
<b>NEW high temperature wire probe</b>  Ø3 x 1000 or 2000 mm	This new high temperature, fibreglass wire probe is insulated with a stainless steel braid and is ideal for ovens, hot cupboards and similar appliances. Supplied with a one or two metre stainless steel braided lead. Response time less than 0.5 of a second. Probe temperature range -60 to 600 °C.	133-387 (1000 mm)	14.50
		133-389 (2000 mm)	18.00
<b>attachment pads</b>  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 can be used over the range of -50 to 200 °C.	600-485	4.00
<b>NEW probe extension lead</b>  1000 or 2000 mm	This new probe extension lead enables the user to connect to any ETI thermocouple type K probe, extending reach up to an additional 1000 or 2000 mm. Supplied with a PVC straight lead.	627-732 (1000 mm)	6.00
		627-733 (2000 mm)	7.00
<b>NEW probe extension lead</b>  1000 or 2000 mm	This new probe extension lead enables the user to connect to any ETI thermocouple type K probe, extending reach up to an additional 1000 or 2000 mm. Supplied with a PU coiled lead.	627-740 (1000 mm)	8.00
		627-741 (2000 mm)	9.00
<b>miniature plug</b>  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	2.25
<b>miniature socket</b>  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	2.25

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# Special Temperature Probes

## type K thermocouple

		order code	£ each
<b>miniature needle probe</b>  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 and sous vide cooking. Response time less than one second. Probe temperature range -75 to 250 °C.	133-180	28.50
<b>fast response meat probe</b>  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 -75 to 250 °C.	133-150	27.00
<b>magnet surface probe</b>  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	31.50
<b>roller surface probes</b>  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 -75 to 250 °C.	123-038 <i>(s/steel)</i> 123-036 <i>(PTFE)</i>	90.00 80.00
<b>velcro pipe probe</b>  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. Supplied with a two metre lead. Response time less than 20 seconds. Probe temperature range -10 to 100 °C.	133-080	24.00
<b>pipe clamp probe</b>  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	19.00
<b>black ball probe</b>  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	42.00
<b>adjustable tyre probe</b>  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, supplied with a one metre coiled lead and moulded thermocouple connector. Response time less than 0.5 of a second. Probe temperature range -75 to 250 °C.	343-100	37.00

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