










Hand Held Temperature Probes

type K thermocouple



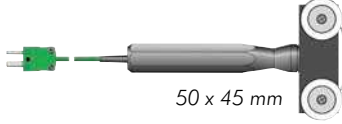
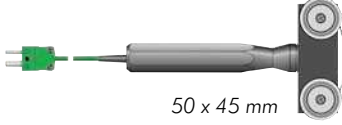

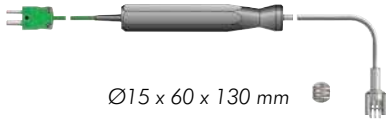



		t/c	order code	
<p>penetration probe</p>  <p>Ø3.3 x 130 mm</p>	<p>This stainless steel penetration probe is strong and versatile. Ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Maximum probe temperature 250 °C.</p>	K	123-160	
<p>penetration probe</p>  <p>Ø3.3 x 300 mm</p>	<p>This extended, stainless steel, penetration probe is versatile. Ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Maximum probe temperature 250 °C.</p>	K	123-168	
<p>fast response probe</p>  <p>Ø3.3 x 100 mm</p>	<p>This reduced tip, fast response, stainless steel, penetration probe is ideal for liquids or semi-solids i.e. delicate foods, soft rubber and other similar materials. Response time less than two seconds. Maximum probe temperature 250 °C.</p>	K	123-159	
<p>needle penetration probe</p>  <p>Ø1.8 x 130 mm</p>	<p>This fast response, stainless steel, needle penetration probe is suitable for liquids and semi-solids including delicate foods, soft rubber/plastic etc. Response time less than two seconds. Maximum probe temperature 250 °C.</p>	K	123-100	
<p>PTFE handle probe</p>  <p>Ø3.3 x 130 mm</p>	<p>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. Maximum probe and handle temperature 250 °C.</p>	K	133-162	
<p>weighted griddle probe</p>  <p>Ø40 x 80 mm</p>	<p>This weighted griddle surface probe utilises flat ribbon thermocouple technology ensuring a fast response with minimal heat loss. Response time less than two seconds. Maximum probe temperature 250 °C.</p>	K	133-018	
<p>rigid between pack probe</p>  <p>Ø4.5 x 130 mm</p>	<p>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. Maximum probe temperature 250 °C.</p>	K	123-060	
<p>high temperature probe</p>  <p>Ø1.5 x 130 mm</p>	<p>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. Maximum probe temperature 1100 °C.</p>	K	123-204	
<p>high temperature probe</p>  <p>Ø3 x 130 mm</p>	<p>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. Maximum probe temperature 1100 °C.</p>	K	123-212	

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



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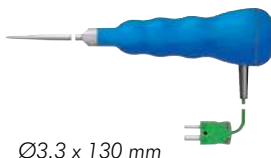
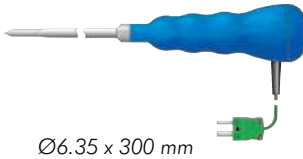
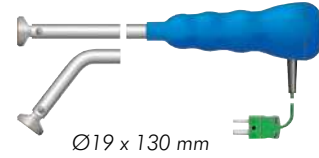
	t/c	order code	
<p>Binder probe</p>  <p>Ø3 x 130 mm</p>	<p>K</p> <p>K</p>	<p>123-240</p> <p>323-240 (coiled lead)</p>	
<p>air or gas probe</p>  <p>Ø4.5 x 130 mm</p>	<p>K</p> <p>K</p>	<p>123-300</p> <p>323-300 (coiled lead)</p>	
<p>PTFE roller surface probe</p>  <p>50 x 45 mm</p>	K	123-036	
<p>roller surface probe</p>  <p>50 x 45 mm</p>	K	123-038	
<p>ribbon surface probe</p>  <p>Ø15 x 130 mm</p>	K	123-030	
<p>ribbon surface probe</p>  <p>Ø15 x 60 x 130 mm</p>	K	123-032	
<p>ribbon surface probe</p>  <p>Ø8 x 130 mm</p>	<p>K</p> <p>K</p>	<p>123-044</p> <p>123-052 (right-angled)</p>	
<p>surface probe</p>  <p>Ø6 x 130 mm</p>	K	123-000	
<p>heavy duty surface probe</p>  <p>Ø12 x 130 mm</p>	<p>K</p> <p>K</p>	<p>123-020</p> <p>123-028 (right-angled)</p>	

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Heavy Duty Temperature Probes

type K thermocouple with colour-coded end caps

		cap	order code
<p>penetration probe</p>  <p>Ø3.3 x 130 mm</p>	<p>This stainless steel 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, semi-solids and granular materials. Response time less than three seconds. Maximum probe temperature 250 °C.</p>	<ul style="list-style-type: none"> ● 143-162 ● 143-163 ● 143-164 ● 143-165 ● 143-166 ● 143-167 	
<p>penetration probe</p>  <p>Ø6.35 x 300 mm</p>	<p>This reduced tip, heavy duty, stainless steel penetration probe incorporates a heavy duty ribbed handle with a blue end cap. The probe is ideal for heavier duty applications including food processing, asphalt and other similar materials. Response time less than ten seconds. Maximum probe temperature 250 °C.</p>	<ul style="list-style-type: none"> ● 143-120 	
<p>bell surface probe</p>  <p>Ø19 x 130 mm</p>	<p>This fast response, surface probe utilises a bell-shaped housing with a thin, flat, stainless steel measuring disc that ensures a fast, accurate response with minimal heat loss. Ideal for measuring a variety of surface temperatures. Response time less than five seconds. Maximum probe temperature 200 °C.</p>	<ul style="list-style-type: none"> ● 143-080 (straight) ● 143-084 (45 ° angle) ● 143-086 (90 ° angle) 	

Small Handled Temperature Probes

type K thermocouple

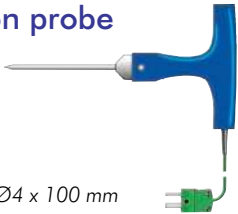
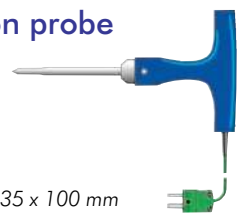
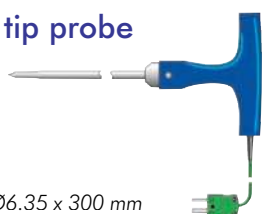

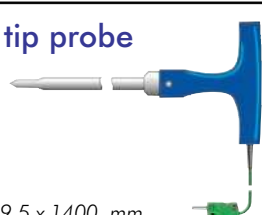


		t/c	order code
<p>penetration probe</p>  <p>Ø3.3 x 100 mm</p>	<p>This stainless steel penetration probe is strong and versatile. Ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Maximum probe temperature 250 °C.</p>	K	123-162
<p>fast-response probe</p>  <p>Ø3.3 x 100 mm</p>	<p>This reduced tip, fast response, stainless steel, penetration probe is ideal for liquids or semi-solids i.e. delicate foods, soft rubber and other similar materials. Response time less than two seconds. Maximum probe temperature 250 °C.</p>	K	123-158
<p>needle penetration probe</p>  <p>Ø1.8 x 100 mm</p>	<p>This fast response, stainless steel, needle penetration probe is suitable for liquids and semi-solids including delicate foods, soft rubber/plastic etc. Response time less than two seconds. Maximum probe temperature 250 °C.</p>	K	123-101

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Heavy Duty Temperature Probes









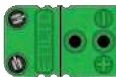
type K thermocouple

	t/c	order code	
<p>penetration probe</p>  <p>Ø4 x 100 mm</p>	K	133-124	
<p>penetration probe</p>  <p>Ø6.35 x 100 mm</p>	K	133-126	
<p>reduced tip probe</p>  <p>Ø6.35 x 300 mm</p>	K	133-120	
<p>reduced tip probe</p>  <p>Ø8 x 500 or 1000 mm</p>	K K	133-130 (500 mm) 133-136 (1000 mm)	
<p>reduced tip probe</p>  <p>Ø9.5 x 1400 mm</p>	K	133-135	
<p>reduced tip probe</p>  <p>Ø9.5 x 2000 mm</p>	K	133-133	
<p>corkscrew probe</p>  <p>Ø8 x 100 mm</p>	K	133-175	

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Fast Response Temperature Probes

exposed junction wire type K thermocouple





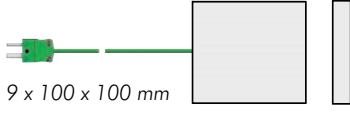


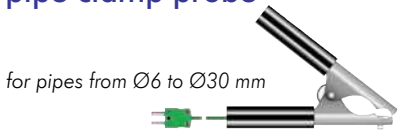

		t/c	order code	
PTFE wire probe  Ø1.5 x 1000 mm	This PTFE insulated exposed junction wire probe is suitable for measuring the air temperature in fridges, freezers, ovens etc. Response time less than 0.5 of a second. Maximum probe temperature 250 °C.	K	133-362	
PTFE wire probe  Ø1.5 x 2000 mm	This PTFE 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. Maximum probe temperature 250 °C.	K	133-363	
heavy duty PTFE wire probe  Ø2.4 x 1000 mm	This heavy duty PTFE insulated wire probe is ideal for measuring the air temperature in a range of appliances, such as fridges and freezers. Response time less than 0.5 of a second. Maximum probe temperature 250 °C.	K	133-372	
heavy duty PTFE wire probe  Ø2.4 x 2000 mm	This heavy duty PTFE insulated wire probe is ideal for measuring the air temperature in a range of appliances, such as fridges and freezers. Response time less than 0.5 of a second. Maximum probe temperature 250 °C.	K	133-373	
fibreglass wire probe  Ø1.5 x 1000 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. Maximum probe temperature 350 °C.	K	133-382	
fibreglass wire probe  Ø1.5 x 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. Maximum probe temperature 350 °C.	K	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.	n/a	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.	K	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.	K	421-501	

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Special Temperature Probes

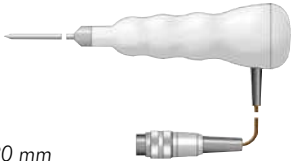
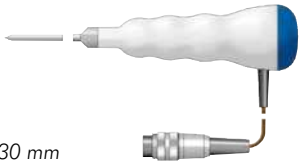
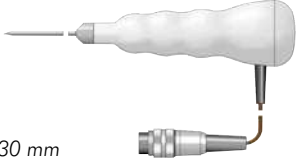
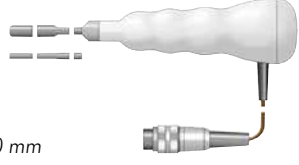
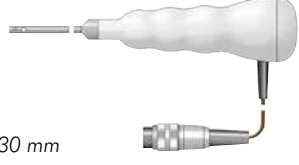


type K thermocouple

	t/c	order code	
<p>miniature needle probe</p>  <p>Ø1.4 reducing to Ø1 mm tip x 50 mm</p>	K	133-180	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. Maximum probe temperature 250 °C.
<p>oven probe</p>  <p>Ø3.3 x 130 mm</p>	K K	133-170 133-173 (no handle)	This oven probe has a stainless steel handle and a two metre PTFE high temperature lead. An oven probe without a handle is available, order code 133-173. Response time less than four seconds. Maximum probe temperature 250 °C.
<p>fast response meat probe</p>  <p>Ø1 mm tip x 90 mm</p>	K	133-150	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. Maximum probe temperature 250 °C.
<p>Sous Vide needle probe</p>  <p>Ø1.4 reducing to Ø1 mm x 60 or 120 mm</p>	K K	133-109 (60 mm) 133-110 (120 mm)	This miniature stainless steel needle probe is supplied with a one metre PTFE lead. The needle probe is ideal for Sous Vide cooking. Response time less than one second. Maximum probe temperature 250 °C.
<p>food simulant probe</p>  <p>9 x 100 x 100 mm</p>	K	133-350	This polypropylene food simulant probe is designed for use in refrigeration and food storage. The probe simulates the temperature of foods in chill cabinets and similar appliances. Maximum probe temperature 100 °C.
<p>black ball probe</p>  <p>Ø50 mm</p>	K	133-475	This black ball probe is designed to measure the radiation temperatures in kilns and ovens. Supplied with a two metre stainless steel braided lead. Response time less than six seconds. Maximum probe temperature 200 °C.
<p>magnet surface probe</p>  <p>Ø24 x 28 mm</p>	K	133-017	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. Maximum probe temperature 80 °C.
<p>pipe clamp probe</p>  <p>for pipes from Ø6 to Ø30 mm</p>	K	133-040	This pipe clamp probe is suitable for measuring the surface temperature of pipes in refrigeration, heating and ventilating systems etc. Response time less than two seconds. Maximum probe temperature 100 °C.
<p>velcro pipe probe</p>  <p>20 x 500 mm</p>	K	133-080	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. Maximum probe temperature 100 °C.

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Therma 22 & AquaTemp™ Probes

type T thermocouple probes with Lumberg connectors

		order code	
<p>penetration probe</p>  <p>Ø3.3 x 130 mm</p>	<p>This stainless steel penetration probe is versatile and strong and incorporates a heavy duty, ribbed, polypropylene handle with a white end cap. Ideal for many temperature measurement applications including liquids, semi-solids and granular materials. Response time less than three seconds. Maximum probe temperature 250 °C.</p>	177-166	
<p>penetration probe</p>  <p>Ø3.3 x 130 mm</p>	<p>The above penetration probe is also available with colour-coded end caps. Response time less than three seconds. Maximum probe temperature 250 °C.</p> <ul style="list-style-type: none"> ● 177-162 ● 177-163 ● 177-164 ● 177-165 ● 177-167 		
<p>fast response probe</p>  <p>Ø2.6 x 130 mm</p>	<p>This stainless steel, fast response, needle penetration probe incorporates a heavy duty ribbed, polypropylene handle. The probe is suitable for liquids and soft semi-solid materials including fish, fruit and other soft or delicate materials. Response time less than one second. Maximum probe temperature 250 °C.</p>	177-100	
<p>rigid between pack probe</p>  <p>Ø6 x 130 mm</p>	<p>This rigid, stainless steel, between pack probe is strong and versatile. The probe incorporates a heavy duty ribbed, polypropylene handle. The probe has been specifically designed to measure between packs or boxes of produce. Response time less than three seconds. Maximum probe temperature 250 °C.</p>	177-060	
<p>air or gas probe</p>  <p>Ø4.5 x 130 mm</p>	<p>This stainless steel, fast response, hand held air or gas probe incorporates a heavy duty ribbed, polypropylene handle. The probe is ideal for measuring air temperatures in refrigeration units, storage areas and other similar applications. Response time less than two seconds. Maximum probe temperature 250 °C.</p>	177-300	
<p>air or gas wire probe</p>  <p>Ø2.4 x 1000 mm PTFE lead</p>	<p>This fast response, air or gas wire probe is ideal for measuring air temperatures in fridges, freezers, chill cabinets and similar. The probe is supplied complete with a one metre PTFE lead. Response time less than 0.5 seconds. Maximum probe temperature 250 °C.</p>	177-372	
<p>penetration probe</p>  <p>Ø3.3 x 130 mm</p>	<p>This stainless steel, plug-mounted, penetration probe is versatile and strong. Ideal for many temperature measurement applications including liquids, semi-solids and granular materials. Response time less than three seconds. Maximum probe temperature 150 °C.</p>	177-200	

