



**2100 SERIES THERMOMETERS**

**Waterproof / Industry standard connector / Extended Probe Range / 2 Year Warranty / Calibration Certificate included**



**Instruments Setting new standards in measurement**

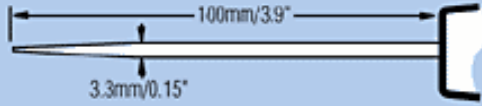
**SPECIFICATIONS TABLE FOR DIGITRON PROBES**

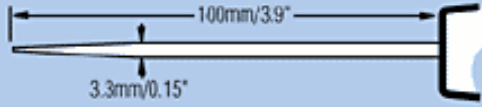
Code	Description and Application	Tip Dimension	
<b>K0234</b>  <b>Connector Type:</b> 2 pin mini	<b>GENERAL PURPOSE PROBE</b> K type sensor. Strong, fast responding and suitable for a wide range of applications - liquids, semisolids, air and granular penetration. Can be used for general food penetration.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.6		1000° C/1832° F

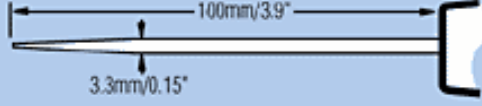
Code	Description and Application	Tip Dimension	
<b>T0234</b> <b>Connector Type:</b> 2 pin mini	<b>GENERAL PURPOSE PENETRATION PROBE</b> T type sensor version of K0234		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.6		250° C/482° F

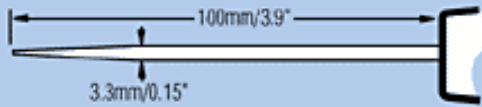
Code	Description and Application	Tip Dimension	
<b>T0234LS</b>  <b>Connector Type:</b> Lumberg	<b>GENERAL PURPOSE PENETRATION PROBE</b> With 'T' type sensor, straight cable, 0.7m long and Lumberg connector and set of coloured thumb tabs (2106T only)		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.6		250° C/482° F

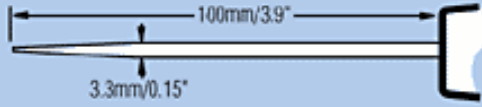
Code	Description and Application	Tip Dimension	
<b>T0234LC</b>  <b>Connector Type:</b> Lumberg	<b>GENERAL PURPOSE PENETRATION PROBE</b> With 'T' type sensor, curly cable and Lumberg connector – includes colour coded thumb tabs (2106T only)		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.6		250° C/482° F

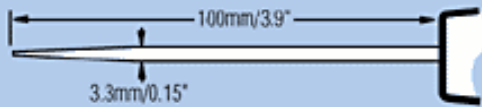
Code	Description and Application	Tip Dimension
<b>H0234</b>	<b>GENERAL PURPOSE PROBE</b> Thermistor sensor version of K0234, with a straight cable and dedicated connection to the 2046T.	
<b>Connector Type:</b> Plug	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 1.9 120°C/248°F	

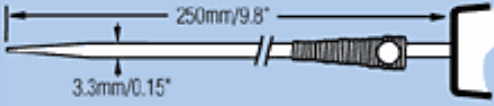
Code	Description and Application	Tip Dimension
<b>H0235</b>	<b>GENERAL PURPOSE PROBE</b> Thermistor sensor version of K0234, with a coiled cable and dedicated connection to the 2046T.	
<b>Connector Type:</b> Plug	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 1.9 120°C/248°F	

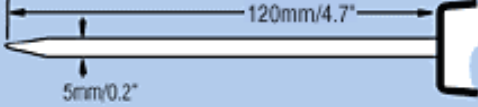
Code	Description and Application	Tip Dimension
<b>P0234</b>	<b>GENERAL PURPOSE PROBE</b> General Purpose Probe. Pt 100 sensor version of the K0234, ideal for laboratory use	
<b>Connector Type:</b> TCM Screw	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 2.0 600°C/1110°F	

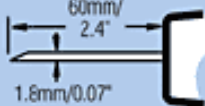
Code	Description and Application	Tip Dimension
<b>CMT0234</b>	<b>GENERAL PURPOSE PROBE</b> T type sensor version of K0234, with a dedicated metal screw connection to the 2006TCM or 2086TCM	
<b>Connector Type:</b> TCM Screw	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 1000°C/1832°F	

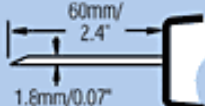
Code	Description and Application	Tip Dimension
<b>H0234LS</b>	<b>GENERAL PURPOSE PENETRATION PROBE</b> Thermistor version of K0234 with Lumberg connector and straight cable. Includes colour coded thumb tabs. (2146T only)	
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 1.9 120°C/248°F	

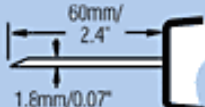
Code	Description and Application	Tip Dimension
<b>H0234LC</b>	<b>GENERAL PURPOSE PENETRATION PROBE</b> Thermistor version of K0234 with Lumberg connector and curly cable. Includes colour coded thumb tabs. (2146T only)	
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 1.9 120°C/248°F	

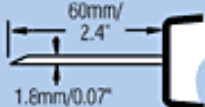
Code	Description and Application	Tip Dimension
<b>K0236</b>	<b>FLU PROBE</b> K-type sensor. Strong, fast response probes, complete with adjustable securing cone and screw for flue gas measurements. Particularly aimed at the heating and ventilating industries.	
<b>Connector Type:</b> 2 pin mini	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.6 1000°C/1830°F	

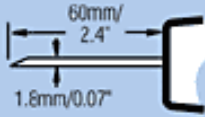
Code	Description and Application	Tip Dimension
<b>K0254</b>	<b>HEAVY DUTY GENERAL PURPOSE PROBE</b> K type sensor, suitable for a wide range of applications in harsh environments.	
<b>Connector Type:</b> 2 pin mini	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 1.3 1000°C/1830°F	

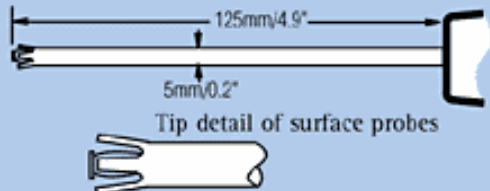
Code	Description and Application	Tip Dimension
<b>K0112</b>	<b>NEEDLE PROBE</b> K type sensor, for rapid temperature measurements of items such as food, pharmaceuticals, shellfish, rubber (e.g. car tyres).	
<b>Connector Type:</b> 2 pin mini	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 400°C/752°F	

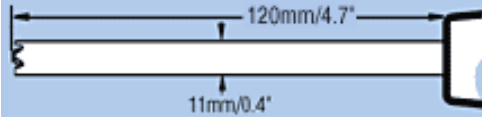
Code	Description and Application	Tip Dimension
<b>T0112</b>	<b>NEEDLE PROBE</b> T type sensor version of K0112.	
<b>Connector Type:</b> 2 pin mini	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 375°C/707°F	

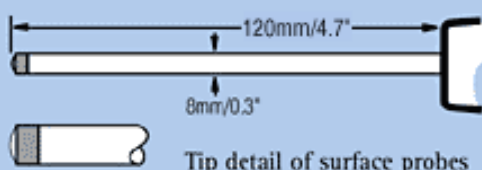
Code	Description and Application	Tip Dimension
<b>T0112LC</b>	<b>NEEDLE PROBE</b> 'T' type sensor version of K0112 with Lumberg connector and curly cable. Includes colour coded thumb tabs (2146T only).	
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 375°C/707°F	

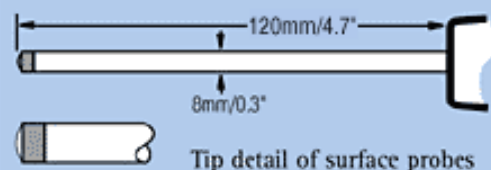
Code	Description and Application	Tip Dimension
<b>T0112LS</b>	<b>NEEDLE PROBE</b> 'T' type sensor version of K0112 with Lumberg connector with straight cable 0.7m long. Includes colour coded thumb tabs (2146T only).	
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 375°C/707°F	

Code	Description and Application	Tip Dimension	
<b>CMT0112</b>  <b>Connector Type:</b> TCM Screw	<b>NEEDLE PROBE</b> FT type sensor version of K0112, with a dedicated metal screw connection to the 2006TCM or 2086TCM.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.5		100°C/1832°F

Code	Description and Application	Tip Dimension	
<b>K0454</b>  <b>Connector Type:</b> 2 pin mini	<b>SURFACE PROBE</b> K type sensor. Providing a fast response and comprising of a 3.5mm diameter spring loaded copper disc to allow uniform pressure on surface to be measured.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.4		500°C/932°F

Code	Description and Application	Tip Dimension	
<b>K0584</b>  <b>Connector Type:</b> 2 pin mini	<b>RUGGED SURFACE PROBE</b> K type sensor. Fitted with heavy-duty retractile cable, providing a fast response for all types of industrial applications, including bearing temperatures.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.5		750°C/1382°F

Code	Description and Application	Tip Dimension	
<b>K0684</b>  <b>Connector Type:</b> 2 pin mini	<b>BAND SURFACE PROBE</b> K type sensor, will provide a rapid response for air and surface temperature measurements. Industrial applications include sheet metal, photocopier rollers, and electronic component testing. Other applications include the temperature measurement of food packs and hot plates.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.4		250°C/482°F

Code	Description and Application	Tip Dimension	
<b>TO684</b>  <b>Connector Type:</b> 2 pin mini	<b>BAND SURFACE PROBE</b> T type sensor version of K0684.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.4		250°C/482°F

Code	Description and Application	Tip Dimension
<b>CMT684</b>	<b>BAND SURFACE PROBE</b> T type sensor version of K0684, with a dedicated metal screw connection to the 2006TCM or 2086TCM.	
<b>Connector Type:</b> TCM Screw	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.4 250°C/482°F	

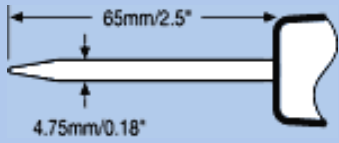
Code	Description and Application	Tip Dimension
<b>T0834</b>	<b>AIR/BETWEEN PACK PROBE</b> T type sensor. The sensor is encased at the end of a long flat probe, which is designed to slide between food packs without causing damage.	
<b>Connector Type:</b> 2 pin mini	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 100°C/212°F	

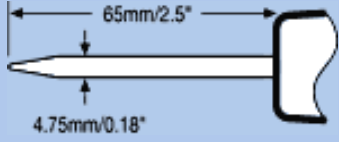
Code	Description and Application	Tip Dimension
<b>CMT834</b>	<b>AIR/BETWEEN PACK PROBE</b> T type sensor version of T0834, with a dedicated metal screw connection to the 2006TCM or 2086TCM.	
<b>Connector Type:</b> TCM Screw	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 100°C/212°F	

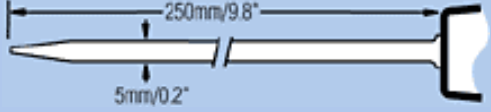
Code	Description and Application	Tip Dimension
<b>T0835LS</b>	<b>HEAVY DUTY PALLET PROBE</b> 'T' type sensor, Lumberg connector and straight cable (2106T only).	
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 250°C/482°F	

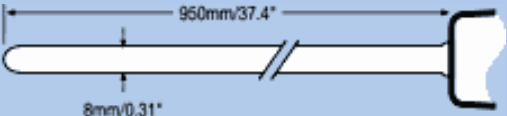
Code	Description and Application	Tip Dimension
<b>T0835LC</b>	<b>HEAVY DUTY PALLET PROBE</b> 'T' type sensor, Lumberg connector and curly cable (2106T only).	
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 0.5 250°C/482°F	

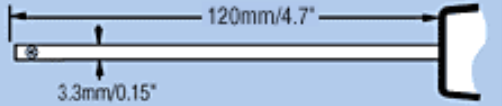
Code	Description and Application	Tip Dimension
<b>K0258</b>	<b>FROZEN FOOD PROBE</b> K type sensor, with a sharpened tip and shorter shaft has been designed to be used with frozen foods. Before readings are taken, it is recommended that a hole should be drilled and then the probe inserted.	
<b>Connector Type:</b> 2 pin mini	<b>Time const. (secs)</b>	
	<b>Max. Tip Temp.</b> 1.3 1000°C/1832°F	

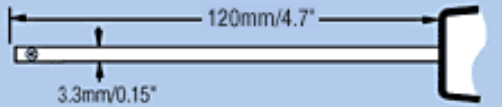
Code	Description and Application	Tip Dimension
<b>T0258</b>	<b>FROZEN FOOD PROBE</b> T type sensor version of K0258.	
	<b>Connector Type:</b> 2 pin mini	
	<b>Time const. (secs)</b> 1.3	<b>Max. Tip Temp.</b> 375°C/707°F

Code	Description and Application	Tip Dimension
<b>CMT0258</b>	<b>FROZEN FOOD PROBE</b> T type sensor version of K0258, with a dedicated metal screw connection to the 2006TCM or 2086TCM.	
	<b>Connector Type:</b> TCM Screw	
	<b>Time const. (secs)</b> 1.3	<b>Max. Tip Temp.</b> 375°C/707°F

Code	Description and Application	Tip Dimension
<b>K0256</b>	<b>BITUMEN PROBE</b> K type sensor, for taking temperature measurements in the construction industry.	
	<b>Connector Type:</b> 2 pin mini	
	<b>Time const. (secs)</b> 1.3	<b>Max. Tip Temp.</b> 1000°C/1832°F

Code	Description and Application	Tip Dimension
<b>K0642</b>	<b>HEAVY DUTY BITUMEN PROBE</b> K type sensor, with metal handle and I metal armoured cable for taking tar temperature measurements in the construction industry.	
	<b>Connector Type:</b> 2 pin mini	
	<b>Time const. (secs)</b> 1.3	<b>Max. Tip Temp.</b> 1000°C/1832°F

Code	Description and Application	Tip Dimension
<b>K0334</b>	<b>RIGID AIR PROBE</b> K type sensor. Extremely fast response ideal for the refrigeration, heating and ventilation industries; including the measurement of air temperatures of storerooms and cold rooms. Also 'air on' and 'air off' temperatures of refrigeration units as recommended by the Department of Health.	
	<b>Connector Type:</b> 2 pin mini	
	<b>Time const. (secs)</b> 0.3	<b>Max. Tip Temp.</b> 500°C/932°F

Code	Description and Application	Tip Dimension
<b>T0334</b>	<b>RIGID AIR PROBE</b> T type sensor version of K0334.	
	<b>Connector Type:</b> 2 pin mini	
	<b>Time const. (secs)</b> 0.3	<b>Max. Tip Temp.</b> 375°C/707°F

Code	Description and Application	Tip Dimension	
<b>T0334LC</b>  <b>Connector Type:</b> Lumberg	<b>RIGID AIR PROBE</b> T' type version of K0334 with Lumberg connector and curly cable (2106T only).		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.3		375°C/707°F


Code	Description and Application	Tip Dimension	
<b>T0334LS</b>  <b>Connector Type:</b> Lumberg	<b>RIGID AIR PROBE</b> 'T' type version of K0334 with Lumberg connector and straight cable (2106T only).		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.3		375°C/707°F


Code	Description and Application	Tip Dimension	
<b>H0334</b>  <b>Connector Type:</b> Plug	<b>RIGID AIR PROBE</b> Thermistor sensor version of K0334, with a straight cable and dedicated connection to the 2046T.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	1.1		120°C/248°F


Code	Description and Application	Tip Dimension	
<b>CMT0334</b>  <b>Connector Type:</b> TCM Screw	<b>RIGID AIR PROBE</b> T type sensor version of K0334, with a dedicated metal screw connection to the 2006TCM or 2086TCM.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.3		500°C/932°F


Code	Description and Application	Tip Dimension	
<b>K0714</b>  <b>Connector Type:</b> 2 pin mini	<b>SEMI FLEXIBLE GENERAL PURPOSE PROBE</b> K type sensor. Versatile probe with mineral insulated sensor and inconel sheath for measurements of substances where access is restricted.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	1.0		1000°C/1832°F


Code	Description and Application	Tip Dimension	
<b>K0736</b>  <b>Connector Type:</b> 2 pin mini	<b>HEAVY DUTY SEMI FLEXIBLE GENERAL PURPOSE PROBE</b> K type sensor. Versatile probe with mineral insulated sensor and inconel sheath for measurements of substances where access is restricted.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	2.6		1000°C/1832°F


Code	Description and Application	Tip Dimension	
<b>K0000</b>  <b>Connector Type:</b> 2 pin mini	<b>EXPOSED JUNCTION THERMOCOUPLE PTFE INSULATED</b> K type sensor, for general purpose use in heating and refrigeration industries, including radiators, water, air temperatures.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.5		250°C/482°F

Code	Description and Application	Tip Dimension	
<b>H0000</b>  <b>Connector Type:</b> Plug	<b>FLEXIBLE AIR PROBE</b> Thermistor sensor, for the non-destructive checking of food temperatures with a dedicated connection to the 2046T.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	3.5		120°C/248°F

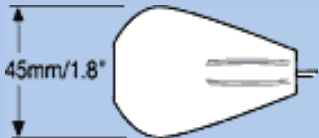
Code	Description and Application	Tip Dimension	
<b>T0000</b>  <b>Connector Type:</b> 2 pin mini	<b>FLEXIBLE AIR PROBE</b> T type sensor, used to monitor temperatures by placing the wire probe inside the fridge/freezer and shutting the door to give a true reading		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.5		250°C/482°F

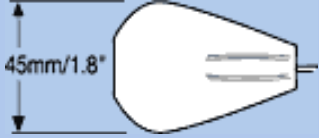
Code	Description and Application	Tip Dimension	
<b>T0000LS</b>  <b>Connector Type:</b> Lumberg	<b>FLEXIBLE AIR PROBE</b> Flexible Air Probe as T0000 with Lumberg connector and straight cable, 1m long (2106T only).		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.5		250°C/482°F

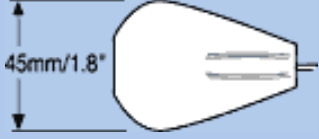
Code	Description and Application	Tip Dimension	
<b>H0000LS</b>  <b>Connector Type:</b> Lumberg	<b>FLEXIBLE AIR PROBE</b> Thermistor version of T0000 with Lumberg connector and straight cable for 2146T thermometer.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	3.5		120°C/248°F

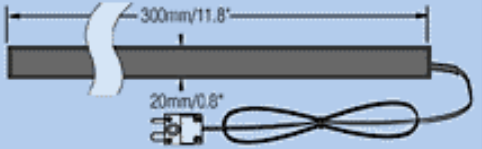
Code	Description and Application	Tip Dimension	
<b>CMT0000</b>  <b>Connector Type:</b> TCM Screw	<b>RIGID AIR PROBE</b> T type sensor, used to monitor temperatures by placing the wire probe inside the fridge/freezer and shutting the door to give a true reading.		
	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	0.5		250°C/482°F



Code	Description and Application	Tip Dimension	
<b>H0800</b>	<b>BETWEEN PACK FOIL PROBE</b> Thermistor foil sensor, for increased response with dedicated connection to the 2046T.		
<b>Connector Type:</b> Plug	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	3.5		100°C/212°F

Code	Description and Application	Tip Dimension	
<b>H0800LS</b>	<b>BETWEEN PACK FOIL PROBE</b> Thermistor type with Lumberg connector, foil tip sensor for increased responses and straight cable for 2146T thermometer.		
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	3.5		100°C/212°F

Code	Description and Application	Tip Dimension	
<b>T0800LS</b>	<b>BETWEEN PACK FOIL PROBE</b> T type sensor with Lumberg connector, foil tip sensor for increased responses and straight cable for 2146T thermometer.		
<b>Connector Type:</b> Lumberg	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	3.5		250°C/482°F

Code	Description and Application	Tip Dimension	
<b>K0900</b>	<b>PIPE (VELCRO) PROBE</b> K type sensor, for taking surface temperature measurements of pipes. Designed for the heating, refrigeration and milking industries; this probe consists of a sensor embedded in a 300 mm length of Velcro® & Mac226; which enables the user to wrap the probe securely around pipes.		
<b>Connector Type:</b> 2 pin mini	<b>Time const. (secs)</b>		<b>Max. Tip Temp.</b>
	2.6		100°C/212°F

Please note that Type T and Type K probes with 2 pin mini plug can be used with other manufacturer's instruments. Please call us to confirm compatibility.