



## Thermocouple temperature probes with sensitive element as per IEC 584-1, 2 and 3 standard

Probe	Size	Measuring range Probe with device accuracy	T <sub>99</sub> **
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### Pipes




<p><b>Contact</b> probe with <b>Velcro®</b>. <b>Velcro®</b> fixation for Ø100 mm maxi pipes with cable (Tc K).</p> <p><i>SKV 150 (cable length: 1.5 m) (17156)</i>  <i>SKV 300 (cable length: 3 m) (17157)</i>  <i>SKV 500 (cable length: 5 m) (17159)</i></p>		<p>From -20 to +90°C</p> <p>±1.5°C</p>	<p>50 s</p>
<p><b>Contact</b> probe with <b>lamella</b> for pipe Ø10 to 50 mm with spring handle and straight cable. (Tc K).</p> <p><i>SKCT (22226)</i></p>		<p>From -50 to +250°C</p> <p>±1.5°C</p>	<p>15 s</p>

### Contact

<p><b>Contact</b> probe with <b>circular end</b>, with handle, straight cable. (Tc K).</p> <p><i>SCPK 150 (25729)</i></p>	 <p>150 mm Ø13 mm</p>	<p>From -20 to +150°C</p> <ul style="list-style-type: none"> <li>• ±1.5°C*</li> <li>• ±4% of reading ±1.5°C**</li> </ul>	<p>20 s</p>
<p><b>Contact</b> probe with <b>copper circular end</b> for reduced space, with handle, coiled cable. (Tc K).</p> <p><i>SCCK 150 (24855)</i></p>	 <p>150 mm Ø6 mm</p>	<p>From -20 to +150°C</p> <ul style="list-style-type: none"> <li>• ±1.5°C*</li> <li>• ±4% of reading ±1.5°C**</li> </ul>	<p>30 s</p>
<p><b>Spring contact probe</b> for reduced space with handle, coiled cable. (Tc K).</p> <p><i>SCRK150 (25111)</i></p>	 <p>150 mm Ø7 mm</p>	<p>From -20 to +150°C</p> <ul style="list-style-type: none"> <li>• ±1.5°C*</li> <li>• ±4% of reading ±1.5°C**</li> </ul>	<p>5 s</p>
<p><b>Contact</b> probe with <b>lamella</b> with handle and coiled cable. (Tc K).</p> <p><i>SCLK 150 (24648)</i></p>	 <p>150 mm Ø15 mm</p>	<p>From -40 to +250°C</p> <p>±2.5°C</p>	<p>5 s</p>
<p><b>Contact</b> probe with <b>lamella</b>, angled at 90° with handle and coiled cable. (Tc K).</p> <p><i>SCLCK 150 (24649)</i></p>	 <p>150 mm Ø15 mm</p>	<p>From -40 to +250°C</p> <p>±2.5°C</p>	<p>5 s</p>
<p>High temperature <b>contact</b> probe with <b>lamella</b>, with handle and coiled cable. (Tc K).</p> <p><i>SCLK-HT (24681)</i></p>	 <p>200 mm Ø27 mm</p>	<p>From -50 to +800°C</p> <p>±2.5°C</p>	<p>5 s</p>
<p><b>Contact</b> probe with magnetic <b>lamella</b> with straight cable. (Tc K).</p> <p><i>SCLAIK (24716)</i></p>		<p>From -40 to +250°C</p> <p>±1.5°C</p>	<p>5 s</p>
<p>Probe for <b>surface measurement</b> of moving part. Aluminium contact element on casters with handle and coiled cable.</p> <p><i>SFCSMK (21254)</i></p>		<p>From 0 to +400°C</p> <ul style="list-style-type: none"> <li>• ±1.5°C*</li> <li>• ±4% of reading ±1.5°C**</li> </ul>	<p>4 s</p>

\*Under laboratory condition / \*\*Under application condition



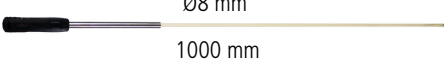
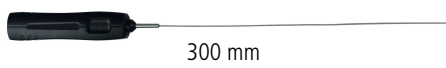
## Ambiance

<p><b>Ambient</b> probe, direct output on compensated male miniature connector. Without handle or cable. (Tc K).</p> <p>SKA-110 (17155)</p>	 <p>110 mm Ø4.5 mm</p>	<p>From -40 to +80°C ±1.5°C</p>	50 s
<p><b>Ambient probe</b> with handle and coiled cable. (Tc K).</p> <p>SAK-150 (24646)</p>	 <p>150 mm Ø4.5 mm</p>	<p>From -40 to +250°C ±1.5°C</p>	50 s
<p><b>Ambient</b> wired probe. Apparent welding, isolated PFA cable, output on compensated male miniature connector. (Tc K).</p> <p>SAK-05 (cable length: 0.5 m) (24816) SAK-1 (cable length: 1 m) (24817) SAK-2 (cable length: 2 m) (24818) SAK-5 (cable length: 5 m) (24819) SAK-10 (cable length: 10 m) (24820)</p>		<p>From -40 to +250°C ±1.5°C</p>	3 s


## Pénétration

<p>Penetration probe. Stainless steel contact tip with <b>pointed contact tip</b>, handle and coiled cable. (Tc K).</p> <p>SPK 150 (24650)</p>	 <p>150 mm Ø3 mm</p>	<p>From -40 to +250°C ±1.5°C</p>	30 s
<p>Penetration probe. Stainless steel contact tip with <b>pointed contact tip</b>, handle and coiled cable. (Tc K).</p> <p>SPK 300 (24823)</p>	 <p>150 mm Ø4.5 mm</p>	<p>From -40 to +250°C ±1.5°C</p>	35 s

## Immersion

<p>Immersion probe. <b>Stainless steel contact tip</b>, with handle and coiled cable. (Tc K).</p> <p>SIK 150 (24641) SIK 250 (24642)</p>	 <p>150 mm Ø4.5 mm</p>	<p>From -40 to +250°C ±1.5°C</p>	35 s
<p><b>High temperature immersion probe.</b> Inconel contact tip, with handle and coiled cable. (Tc K).</p> <p>SIK 500 HT (24644) SIK 1000 HT (24645)</p>	 <p>500 mm Ø6 mm</p>	<p>From -40 to +1000°C</p> <ul style="list-style-type: none"> <li>From -40 to +375°C: ±1.5°C</li> <li>Remaining range: ±0.4% of reading</li> </ul>	115 s
<p><b>Very high temperature immersion probe.</b> Ceramic contact tip with handle and straight cable. (Tc S).</p> <p>SIS 1000 HT (24830)</p>	 <p>Ø8 mm 1000 mm</p>	<p>From 0 to +1400°C</p> <ul style="list-style-type: none"> <li>From 0 to 1100°C: ±1°C</li> <li>From 1100 to 1400°C: ±0.15% of reading</li> </ul>	-
<p><b>Very low temperature</b> immersion probe. Deformable lined contact tip with handle and coiled cable. (Tc T).</p> <p>SIT 300 BT (24831)</p>	 <p>Ø1.5 mm 300 mm</p>	<p>From -200 to +50°C</p> <ul style="list-style-type: none"> <li>From -200 to -67°C: ±1.5% of reading</li> <li>From -67 to -40°C: ±1°C</li> <li>From -40 to +50°C: ±0.5°C</li> </ul>	2 s

## Rallonges

<p>Shielded PVC cable for temperature probes with compensated male/female miniature connector (Tc K).</p> <p>RTCK-150 (1.5 m) (24834) RTCK-300 (3 m) (24835) RTCK-500 (5 m) (24836)</p>		<p>From 0 to +100°C</p>	-
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Probe	Size	Measuring range Probe with device accuracy	T <sub>99</sub> *
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## Special compost








<p>Special compost probe, stainless steel protection sheath with pointed end. T-shaped handle and output on coiled cable. (Tc K)</p> <p><i>SKP 1000 (1 m) (17160)</i>  <i>SKP 1500 (1.5 m) (17161)</i>  <i>SKP 2000 (2 m) (17163)</i></p>	 <p>Ø16 mm</p>	<p>From -50 to +400°C  ±1.5°C</p>	<p>165 s</p>
<p>K thermocouple probe with housing, grounded hot junction, stainless steel protective sheath. T-shaped handle. IP67 housing with transparent cover, EPDM seal and machined foam for Kistock KTT 220, 320 or Wireless Kistock (supplied without data loggers). Housing horizontally mounted on the probe. Output on cable length 20 cm with miniature male compensated connector inside the housing.</p> <p><i>SKP 1000 B (1 m) (25820)</i>  <i>SKP 1500 B (1.5 m) (25821)</i>  <i>SKP 2000 B (2 m) (25822)</i></p>		<p>From -20 to +150°C  ±1.5°C</p>	<p>165 sec</p>
<p>Galvanized plate for compost probe. Possible fixing with anti-theft device KAV of KISTOCK data loggers or magnetic fixing of protective housing. Factory mounting.</p> <p><i>KSP (14809)</i></p>		<p>-</p>	<p>-</p>
<p>Kit with a galvanized plate (KSP) for compost probe. Possible fixing with anti-theft device KAV of KISTOCK data loggers or magnetic fixing of protective housing and mountings accessories. To install after delivery.</p> <p><i>KIT-KSP (24829)</i></p>		<p>-</p>	<p>-</p>

\*Under application condition





# Pt100 temperature probe for 2014 portable instruments

Probe	Size	Measuring range Probe with device accuracy	T <sub>99</sub> **
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## Pt100 probes with class A sensitive element as per IEC60751 standard for classes 60 and 110

<b>Ambient</b> probe. Perforated stainless steel contact tip, with handle, coiled cable and connector  <i>SAP 150 (24656)</i>	 150 mm Ø4.5 mm	From -40 to +250°C ±0.4% of reading ±0.3°C	115 s
<b>Contact</b> probe with <b>circular end</b> . Stainless steel contact tip, with handle, coiled cable and connector.  <i>SCP 150 (24657)</i>	 150 mm Ø13 mm	From -20 to +150°C • ±0.4% of reading ±0.3°C* • ±6% of reading ±0.25°C**	150 s
<b>Immersion</b> probe. Stainless steel contact tip, with handle, coiled cable and connector.  <i>SIP 150 (24658)</i> <i>SIP 250 (24659)</i>	 150 mm 250 mm Ø4.5 mm	From -40 to +250°C ±0.4% of reading ±0.3°C	35 s
<b>Low temperature immersion</b> probe. Stainless steel contact tip, with handle, coiled cable and connector.  <i>SIP 300 BT (24852)</i>	 300 mm Ø4.5 mm	From -100 to +50°C ±0.4% of reading ±0.3°C	25 s
<b>High temperature immersion</b> probe. Stainless steel contact tip, with handle, coiled cable and connector.  <i>SIP 500 HT (24853)</i>	 500 mm Ø6 mm	From -40 to +400°C ±0.4% of reading ±0.3°C	45 s
<b>Penetration</b> probe. Stainless steel contact tip, with handle, coiled cable and connector.  <i>SPP 150 (24660)</i>	 150 mm Ø2 mm	From -40 to +250°C ±0.4% of reading ±0.3°C	35 s
<b>Needle penetration</b> probe. Stainless steel contact tip, with stainless steel handle and cable with connector  <i>SPAI 90 (24843)</i>	 Ø2 mm 90 mm	From 0 to +200°C ±0.4% of reading ±0.3°C	15 s















## Interchangeable Pt100 probes (SMART-2014) with class 1/3 DIN sensitive element as per IEC60751 standard for class 210 and class 310 portables

<b>Ambient</b> probe. Perforated stainless steel contact tip, integrated mini-DIN connector, SMART-2014 recognition system. Supplied with calibration certificate.    <i>SAPS 150 (24838)</i>	 150 mm Ø4.5 mm	From -40 to +250 °C ±0.3% of reading ±0.25°C	115 s
<b>Contact</b> probe with <b>circular end</b> . Stainless steel contact tip, integrated mini-DIN connector, SMART-2014 recognition system. Supplied with calibration certificate.    <i>SCPS 150 (24839)</i>	 150 mm Ø13 mm	From -20 to +150°C • ±0.3% of reading ±0.25°C* • ±6% of reading ±0.25°C**	150 s

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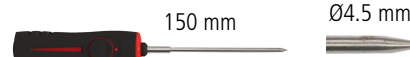
### Interchangeable Pt100 probes (SMART-2014) with class 1/3 DIN sensitive element as per IEC60751 standard for class 210 and class 310 instruments (next)

<p><b>Immersion</b> probe. Stainless steel contact tip with handle, integrated mini-DIN connector. SMART-2014 recognition system. Supplied with adjustment certificate.</p> <p></p> <p>SIPS 150 (24840) SIPS 250 (24841)</p>	 <p>150 mm 250 mm</p> <p>Ø4.5 mm</p>	<p>From -40 to +250°C ±0.3% of reading ±0.25°C</p>	35 s
<p><b>Very low temperature</b> immersion probe. Stainless steel contact tip with handle, integrated mini-DIN connector. SMART-2014 recognition system. Supplied with adjustment certificate.</p> <p></p> <p>SIPS 300 BT (24844)</p>	 <p>300 mm</p> <p>Ø4.5 mm</p>	<p>From -200 to +50°C</p> <ul style="list-style-type: none"> <li>From -100 to +50°C: ±0.3% of reading ±0.25°C</li> <li>Remaining range: ±0.6% of reading ±0.25 °C</li> </ul>	25 s
<p><b>High temperature immersion probe.</b> Stainless steel contact tip with handle, integrated mini-DIN connector. SMART-2014 recognition system. Supplied with adjustment certificate.</p> <p></p> <p>SIPS 500 HT (24845)</p>	 <p>500 mm</p> <p>Ø6 mm</p>	<p>From -40 to +450°C ±0.3% of reading ±0.25°C</p>	45 s
<p><b>Penetration</b> probe. Stainless steel contact tip with handle, integrated mini-DIN connector. SMART-2014 recognition system. Supplied with adjustment certificate.</p> <p></p> <p>SPPS 150 (24842)</p>	 <p>150 mm</p> <p>Ø4.5 mm</p>	<p>From -40 to +250°C ±0.3% of reading ±0.25°C</p>	35 s
<p><b>Needle penetration</b> probe. Stainless steel contact tip with handle, integrated mini-DIN connector. SMART-2014 recognition system. Supplied with adjustment certificate.</p> <p></p> <p>SPAIS 90 (24895)</p>	 <p>Ø2 mm</p> <p>90 mm</p>	<p>From 0 to +200°C ±0.3% of reading ±0.25°C</p>	15 s
<p><b>Accurate immersion</b> probe. Stainless steel contact tip with handle, integrated mini-DIN connector. SMART-2014 recognition system. Supplied with 3 points calibration certificate.</p> <p></p> <p>SPRP 300 (24846)</p>	 <p>300 mm</p> <p>Ø4.5 mm</p>	<p>From -200 to +500°C</p> <ul style="list-style-type: none"> <li>From -40 to +200°C: ±0.15% of reading ±0.15°C</li> <li>Remaining range: ±0.3% of reading ±0.25°C</li> </ul>	35 s
<p><b>Accurate immersion</b> probe. Stainless steel contact tip with handle, integrated mini-DIN connector. SMART-2014 recognition system. Supplied with <b>COFRAC</b> (ISO 17025 standard) 3 points calibration certificate.</p> <p></p> <p>SPRP 300 C (24847)</p>	 <p>300 mm</p> <p>Ø4.5 mm</p>	<p>From -200 to +500°C</p> <ul style="list-style-type: none"> <li>From -40 to +200°C: ±0.15% of reading ±0.15°C</li> <li>Remaining range: ±0.3% of reading ±0.25°C</li> </ul>	35 s

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Probe	Size	Measuring range Probe with device accuracy	T <sub>99</sub> *
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**WIRELESS Pt100 probe (SMART-2014) with class 1/3 DIN sensitive element as per IEC60751 standard for class 210 and class 310 instruments**

<p>Wireless <b>ambient temperature</b> probe. Perforated stainless steel contact tip. Wireless transmission system with handle and multifunction button. Supplied with adjustment certificate.</p> <p></p> <p><i>SAPF 150 (24793)</i></p>		<p>From -40 to +250°C ±0.3% of reading ±0.25°C</p>	115 s
<p>Wireless <b>contact temperature</b> probe. Stainless steel contact tip with circular end. Wireless transmission system with handle and multifunction button. Supplied with adjustment certificate.</p> <p></p> <p><i>SCPF 150 (24794)</i></p>		<p>From -20 to +150°C</p> <ul style="list-style-type: none"> <li>• ±0.3% of reading ±0.25°C*</li> <li>• ±6% of reading ±0.25°C**</li> </ul>	150 s
<p>Wireless <b>immersion temperature</b> probe. Stainless steel contact tip, wireless transmission system with handle and multifunction button. Supplied with adjustment certificate.</p> <p></p> <p><i>SIPF 150 (24795)</i> <i>SIPF 250 (24796)</i></p>		<p>From -40 to +250°C ±0.3% of reading ±0.25°C</p>	35 s
<p>Wireless <b>penetration temperature</b> probe. Stainless steel contact tip with pointed end. Wireless transmission system with handle and multifunction button. Supplied with adjustment certificate.</p> <p></p> <p><i>SPPF 150 (24797)</i></p>		<p>From -40 to +250°C ±0.3% of reading ±0.25°C</p>	35 s

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