









MEASURING PROBES AND EXTENSIONS FOR PORTABLE INSTRUMENTS OF CLASS 50, 100, 200 and 300

SMART PRO MEASURING PROBES

All these probes, equipped with the Smart Pro system, are compatible with the portable instruments from Class 200 and 300. They are supplied with calibration or adjusting certificate (date of calibration displayed when connected to the instrument). They are automatically recognized when connected to the instrument and are fully interchangeable.

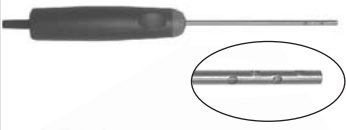
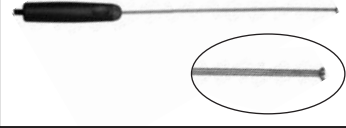
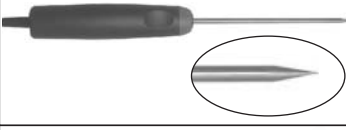
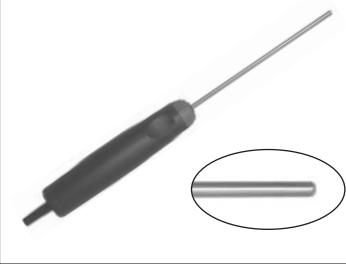
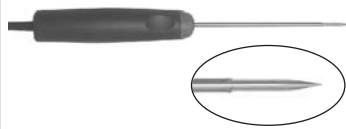
	Ref. SH100SP	Air velocity vane probe , Ø 100mm (internal), length 310mm, with handle and retractable cable, length 450mm, up to 2,4 m. Air velocity : 0,20 to 35m/s. Resolution : 0,01m/s from 0,20 to 3m/s and 0,1m/s beyond. Accuracy* : ±2% of reading ±0,06m/s from 0,20 to 3m/s and ±2% of reading ±0,2m/s beyond. Airflow : 0 to 65000m ³ /h. Resolution : 1m ³ /h. Accuracy* : ±3% of reading ±10m ³ /h. Temperature inside the probe : 20 to +80°C**.
	Ref. SH70SP	Air velocity vane probe , Ø 70mm (internal,) length 310mm, with handle and retractable cable, length 450mm, up to 2,4m. Air velocity : 0,3 to 35m/s. Resolution : 0,1m/s. Accuracy* : ±2% of reading ±0,1m/s. Airflow : 0 to 65000m ³ /h. Resolution : 1m ³ /h. Accuracy* : ±3% of reading ±10m ³ /h. Temperature inside the probe : -20 to +80°C**.
	Ref. SH16TSP	Air velocity vane probe , Ø 16mm (external), telescopic handle, length 720mm, with cable length 1,70m. Air velocity : 0,6 to 40m/s. Resolution : 0,1m/s. Accuracy* : ±2% of reading ±0,1m/s. Airflow : 0 to 65000m ³ /h. Resolution : 1m ³ /h. Accuracy* : ±3% of reading ±10m ³ /h.
	Ref. SFCSP	Air velocity hotwire probe Ø 8mm, length 300mm, with cable length 1,70m. Air velocity : 0 to 30m/s. Resolution : 0,01m/s from 0 to 3m/s and 0,1m/s beyond. Accuracy* : ±3% of reading ±0,03m/s from 0 to 3m/s and ±3% of reading ±0,1m/s beyond. Airflow : 0 to 65000m ³ /h. Resolution : 1m ³ /h. Accuracy* : ±3% of reading ±10m ³ /h. Temperature inside the probe : -20 to +80°C**. Compatible with the extensions RD300 and RC90.
	Ref. SFCTSP	Air velocity telescopic hotwire probe , graduated each 5mm, Ø 10mm, lg. 900mm, with cable length 1,70m. Airflow : 0 to 30m/s. Resolution : 0,01m/s from 0 to 3m/s and 0,1m/s beyond. Accuracy* : ±3% of reading ±0,03m/s from 0 to 3m/s and ±3% of reading ±0,1m/s beyond. Airflow : 0 to 65000m ³ /h. Resolution : 1m ³ /h. Accuracy* : ±3% of reading ±10m ³ /h. Temperature inside the probe : -20 to +80°C**.
	Ref. SHRSP	Hygrometry probe Ø 13 mm, length 110 mm with handle and retractable cable, length 450mm, up to 2,4 m. Humidity : 3 to 98%RH. Resolution : 0,1% RH. Accuracy* : ±1% of reading ±1,5%RH. Temperature inside the probe : -20 to +80°C**.
	Ref. STOSP	Optical tachometry probe : Ø 17mm, length 195mm, with handle and retractable cable, length 450mm, up to 2,4m. Rotation speed : 60 to 50000 RPM. Resolution : 1RPM. Accuracy* : ±0,5% of reading ±1RPM.
	Ref. ETC	Contact adaptor for optical probe. Rotation speed : 30 to 20000 RPM and 4 to 2500m/min. Resolutions : 1RPM, and 0,1m/min. Accuracy* : ±2% of reading ±1m/min and ±2% of reading ±1RPM.

* Performed in laboratory conditions, all the above accuracies mentioned in this document will be guaranteed, provided that you use the calibration compensation data or identical calibration conditions.

**PT 100 measuring element class A.

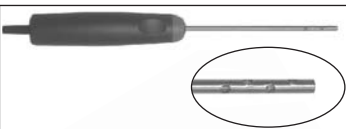
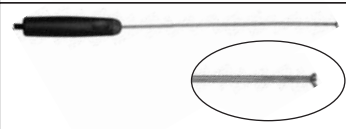
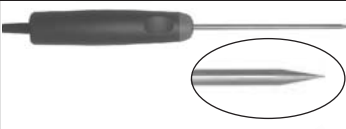
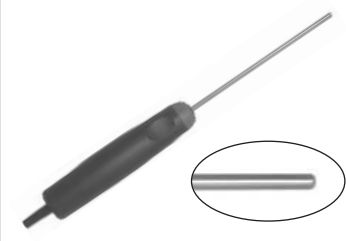

SMART PRO PT 100 TEMPERATURE PROBES (for class 200 and 300)

All these probes, equipped with the Smart Pro system, are compatible with the portable instruments from Class 200 and 300. They are supplied with calibration or adjusting certificate (date of calibration displayed when connected to the instrument). They are automatically recognized when connected to the instrument and are fully interchangeable.

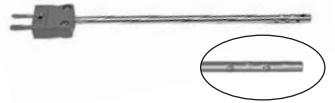
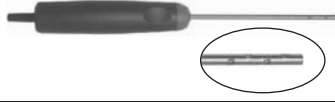

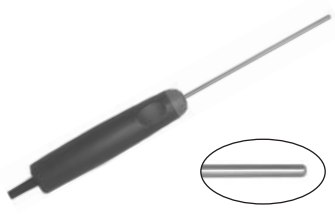
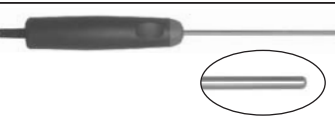
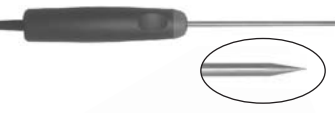
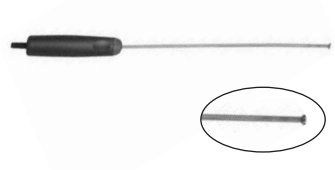
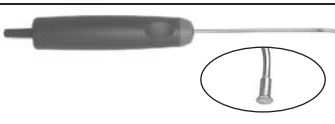


	Ref. STPA150SP	PT 100 ambient temperature probe class A (norm IEC 751). Perforated stainless steel plunger Ø 4,5mm, length 150mm, with handle and retractable cable, length 450mm, up to 2,4m. Secured mini DIN connector. Working temperature : -50 to +250°C.
	Ref. STPC150SP	PT 100 contact temperature probe class A (norm IEC 751). Stainless steel plunger Ø 4,5mm, length 150mm, with handle and retractable cable length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +400°C.
	Ref. STPP150SP	PT 100 penetration temperature probe class A (norm IEC 751). Stainless steel plunger Ø 4,5mm, length 150mm, with handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +250°C.
	Ref. STPG150SP	PT 100 general use temperature class A (norm IEC 751). Stainless steel plunger Ø 4,5mm, length 150mm, with handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +400°C.
	Ref. STPG500SP	Same as above , plunger Ø 6mm, length. 500mm.
	Ref. STPG200/5SP	Same as above , PT 100 probe class 1/5 DIN, length. 200mm. Working temperature : -100 to +400°C.
	Ref. STPP150ASP	PT 100 food penetration probe class A (norm IEC 751). Stainless steel plunger Ø 4,5mm, length 150mm, with narrow end Ø 3mm, length 15mm, handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +250°C.

Pt100 TEMPERATURE PROBES (for class 50 and 100)





All these Pt100 probes are compatible with the portable instruments from class 50 and 100.

	Ref. STPA150	PT 100 ambient temperature probe class A (norm IEC 751). Perforated stainless steel plunger, Ø 4,5mm, length 150mm, with handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +250°C.
	Ref. STPC150	PT 100 contact temperature probe class A (norm IEC 751). Stainless steel plunger Ø 4,5mm, length 150mm, with handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN Connector. Working temperature : -50 to +400°C.
	Ref. STPP150	PT 100 penetration temperature probe class A (norm IEC 751). Stainless steel plunger Ø 4,5mm, length 150mm, with handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +250°C.
	Ref. STPG150	PT 100 general use probe class A (norm IEC 751). Stainless steel plunger Ø 4,5mm length 150mm, with handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +400°C.
	Ref. STPG500	Same as above , plunger Ø 6mm, length. 500mm.
	Ref. STPG200/5	Same as above , STPG150, Pt100 probe class 1/5 DIN, length 200mm. Working temperature : -100 to +400°C
	Ref. STPP150A	PT 100 food penetration probe class A (norm IEC 751). Stainless steel plunger Ø 4,5mm, length 150mm with narrow end Ø 3mm, length 15mm, handle and retractable cable, length 450mm, up to 2,4m. Secured mini-DIN connector. Working temperature : -50 to +250°C.

THERMOCOUPLE K TEMPERATURE PROBES (for class 50, 100, 200 and 300)

	Ref. STKA110	Thermocouple K ambient temperature probe class 1 (norm IEC 584-3). Perforated stainless steel plunger Ø 4,5mm, length 110mm, direct output on compensated miniature male plug, without handle, nor cable. Working temperature : -50 to +250°C.
	Ref. STKA150	Thermocouple K ambient temperature probe class 1 (norm IEC 584-3). Perforated stainless steel plunger Ø 4,5mm, length 150mm, compensated miniature male plug, with handle and retractable cable, length 450mm, up to 2,4m. Working temperature : -50 to +400°C.
	Ref. STKF2	Thermocouple K wire temperature probe class 1 (norm IEC 584-3). Visible welding, Teflon isolated cable Ø 2,5mm, length 2m, output on compensated miniature male plug. Working temperature : -50 to +250°C.
	Ref. STKF5	Same as above, cable length 5m.
	Ref. STKF10	Same as above, cable length 10m.
	Ref. STKF25	Same as above, cable length 25m.
	Ref. STKG150	Thermocouple K general use probe class 1 (norm IEC 584-3). Stainless steel plunger Ø 4,5mm, length 150mm, with handle, retractable cable length 450mm, up to 2,4m, compensated miniature male plug. Working temperature : -100 to +400°C.
	Ref. STKG250	Same as above, stainless steel plunger Ø 4,5mm, length 250mm.
	Ref. STKG500	Same as above, stainless steel plunger Ø 6mm, length 500mm. Working temperature : -200 to +1100°C.
	Ref. STKG1000	Thermocouple K general use probe class 1 (norm IEC 584-3). Inconel plunger Ø 6mm, length 1000mm, with handle, retractable cable length 450mm, up to 2,4m, compensated miniature male plug. Working temperature : -200 to +1100°C.
	Ref. STKP150 plunger	Thermocouple K penetration probe class 1 (norm IEC 584-3). Stainless steel Ø 4,5mm sharp terminal, length 150mm, with handle, retractable cable length 450mm, up to 2,4m, compensated miniature male plug. Working temperature : -100 to +400°C.
	Ref. STKC150	Thermocouple K contact probe class 1 (norm IEC 584-3). Stainless steel plunger Ø 4,5mm, length 150mm, with handle, retractable cable length 450mm, up to 2,4m, compensated miniature male plug. Working temperature : -100 to +400°C.
	Ref. STKC250	Same as above, plunger Ø 4,5mm, length 250mm.
	Ref. STKCC150	Thermocouple K angled contact probe class 1 (norm IEC 584-3). Plunger angled at 90°, Ø 4,5mm, length 150mm, with handle, retractable cable length 450mm, up to 2,4m, compensated miniature male plug. Working temperature : -100 to +400°C.
	Ref. STKV150	Thermocouple K velcro contact probe class 1 (norm IEC 584-3). Velcro fixing for pipes Ø 100mm max with cable, length 1,50m and compensated miniature male plug. Working temperature : -20 to +90°C.
	Ref. STKV300	Same as above, cable length 3m.
	Ref. STKV500	Same as above, cable length 5m.
	Ref. CEK150	Thermocouple K extension cable. Length 1,5m for temperature probes with compensated miniature male/female plug.
	Ref. CEK300	Same as above, cable length 3m.
	Ref. CEK500	Same as above, cable length 5m.

EXTENSIONS

	Ref. RT1000	Telescopic extension , length 1m compatible with all measuring probes equipped with a handle.
	Ref. RD300	Straight extension Ø 10mm, length 300mm for hotwire probe. Fitting the probes ref. SFCSP.
	Ref. RC90 hotwire	Extension angled at 90° , Ø 10mm, length 250 x 50mm for probe. Fitting the probes ref. SFCSP.
	Ref. RT1000C	Telescopic extension , length 1m compatible with the DBM 200.

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