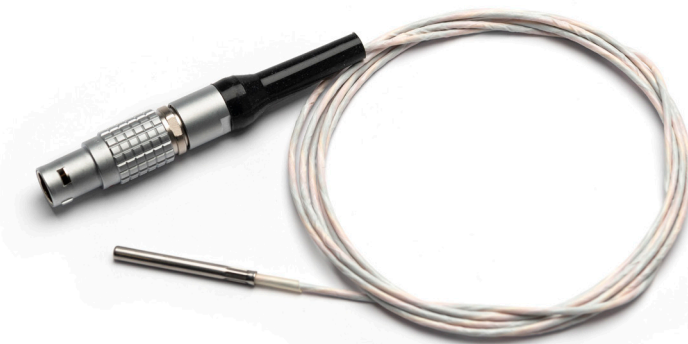


BEAMEX SIRT-155, SHORT INDUSTRIAL Pt100 REFERENCE SENSOR

The Beamex SIRT is designed to be used as a reference sensor with the Beamex MC6-T150 when calibrating short and flanged sanitary sensors.

PROPERTIES	
Description	Platinum ThinFilm Pt100 4-wire connection in stainless steel casing
Dimensions	Ø 3 mm (outer diameter) x 30 mm (length) + 10 mm bending protection (0.12" x 1.18" + 0.39")
Cable type	1.5 m (4.92') long PTFE cable (Ø 1.3 mm, 0.05")
Connectors	6-pin LEMO connector compatible with MC6 family calibrators
Temp. range	-30 °C .. 155 °C (-22 °F .. 311 °F)
Accuracy (excluding calibration uncertainty)	±0.02 °C (0.036 °F) when used with sensor-specific CvD or ITS-90 coefficients IEC 60751 class A, ±(0.15 °C + 0.2% RDG) when used without sensor-specific CvD or ITS-90 coefficients
Weight	~28 g (0.06 lb)



The sensor is delivered with accredited calibration certificate including sensor-specific CvD and ITS-90 coefficients.

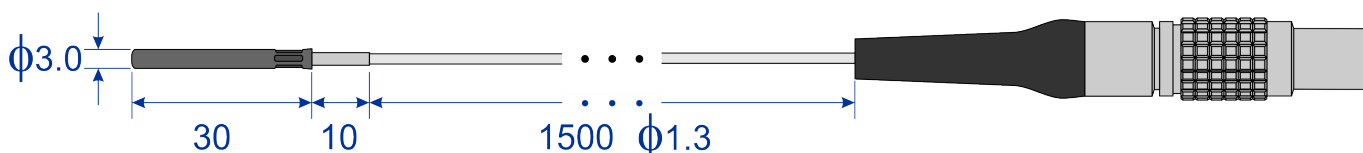
The ITS-90 coefficients are saved into a built-in memory chip at the factory.

All items are delivered packed in a hard case.



CAUTION:

Avoid dropping or bending the sensor in any way. This may cause internal damage to the sensor and impact its accuracy.



NOTE:

When the sensor is connected to an MC6, MC6-T, or MC6-WS calibrator with firmware 5.20 or later, the calibrator can read the ITS-90 correction coefficients from the sensor's memory. When creating a User Sensor, you can choose to read the data stored in the sensor's memory, and the data will be automatically populated to the correct fields.

If you use the sensor with an MC6-Ex calibrator, or an MC6, MC6-T, or MC6-WS with firmware earlier than 5.20, the coefficients need to be entered manually. Please refer to the calibrator manual for instructions.



WARNING:

- DO NOT use this instrument to measure the temperature of any hazardous live component
- DO NOT use this instrument for any application other than temperature measurement
- Use of this instrument at high temperatures for extended periods can cause the handle to become hot and damage the transition junction
- Measurement equipment should only be used by trained personnel

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