

LSS 670

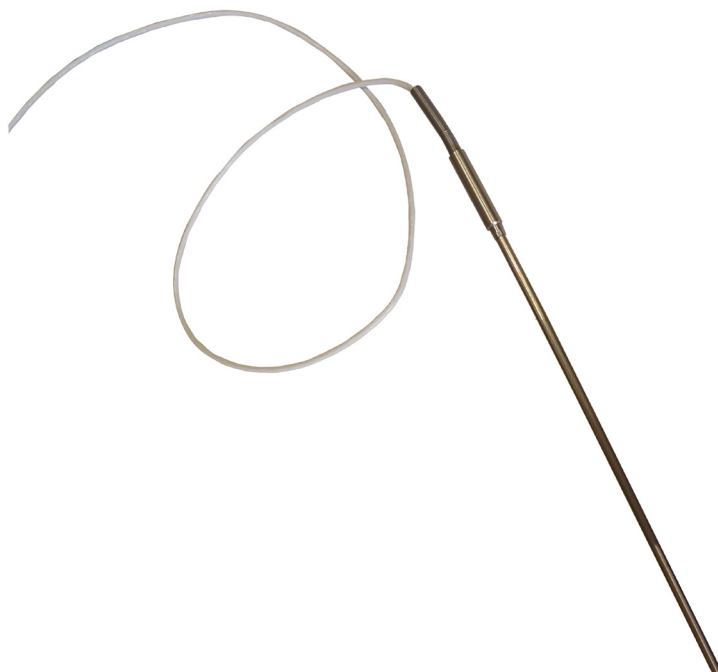
Secondary standard PRT. It is built on a 99.99% pure platinum wire. Temperature range -250 ... 670 °C.

It is designed without mechanical stress, it is protected with a ceramic capsule.

This platinum pattern probe is specially designed to withstand high thermal shock.

Where required for high accuracy.

These probes are the perfect complement to LDT 2000 to perform the best calibrations.



APPLICATIONS

Reference laboratories
 Calibrations compare
 Probes pattern for very exact services
 Precision work in-situ

HIGHLIGHTS

Temperature range -250 ... 670 °C
 Excellent precision and long term stability
 99.99% pure platinum wire
 Wide temperature range
 Low drift
 Long life

General data

PT100 sensor accuracy / 4 wire

Probe Inconel metal sheath 600

Element ceramic caps protected

Free design of mechanical stress

Connection cable 2 m Teflon-coated

The LSS 670 is supplied with FA DIN 6-pin plug for accuracy indicator LDT 2000 or bare wires with gold plated

Carrying case included

Technical data

Temperature range	-250 ... 500 °C
Resistance 0 °C	25.5 Ω / 100 Ω EN 60751: 2008 class B
Measuring current recommended	1 mA
Temperature coefficient	0.003925 Ω / Ω / °C
Stability	R0 typical drift <0,01 °C after 500 hours at 670 °C
Repetability	R0 typical drift <0.002 °C after cycles from -196 to 670 °C
Dimensions	Sheath diameter 6 mm, length sheath 450 mm or L-shaped (Elbow 90 degrees) option

