

PT 100 probe for high precision immersion-penetration

The high precision immersion / penetration probe, used in combination with a suitable instrument, for example the mod. 735, can achieve a system accuracy of 0.05 ° C with a resolution of 0.001 ° C.

The probe is particularly suitable for applications in the fields of quality assurance, calibration and laboratory services.

Measurement range: from -80 ° C to + 300 ° C

Benefits:

- Pt100 sensor for extremely precise results
- A system accuracy of 0.05 ° C with a resolution of 0.001 ° C possible (depending on the connected measuring instrument)
- Optional compensation according to ISO or DAkkS possible

Equipment:

High precision immersion / penetration probe (Pt100) with fixed cable and test protocol.



Technical data

Measuring range	-80 to +300 ° C
Precision	± 0.3 ° C (-80 to -40 ° C) ± (0.1 ° C + 0.05% of reading) (-40 to 0 ° C) ± 0.05 ° C (0 to +100 ° C) ± (0.05 ° C + 0.05% of reading) (100 to 300 ° C)
Response time	60 s
Probe tube length	295 mm
Fixed cable	Yes
Probe tube diameter	4 mm

Code	Description
T8614235	PT 100 probe for high precision immersion-penetration