



LUDWIG
SCHNEIDER



WATER TRIPLE POINT CELL

HIGH-PRECISION FIXED POINT CELLS

THE MOST ACCURATE TEMPERATURE FIXED POINT

The water triple point is the most accurate fixed point of the International Temperature Scale of 1990 (ITS 90) that can be represented. It is defined at 0.01 °C or 273.16 Kelvin respectively. The precision of this fixed point is better than 0.0001 °C.

Thanks to the high thermal equilibrium of the fixed point, the water triple point cell is optimally suitable for high-precision calibration (for example of platinum resistance thermometers).

QUALITY DIRECTLY FROM THE MANUFACTURER

Our water triple point cells are made of chemical- and temperature-resistant borosilicate glass and are filled with high-purity water after a special chemical treatment.

We are the only German manufacturer to produce our own water triple point cells. This allows us to guarantee maximum quality and precision – water triple point cells “Made by Schneider”.

We can optionally also calibrate your cells.

TECHNICAL DATA

TYPE	WTP-LSW2940	WTP-LSW2950
Indicated temperature	0.01 °C (273.16 K)	0.01 °C (273.16 K)
Long-term stability	Drift < 0.1 mK/a	Drift < 0.1 mK/a
Material	Borosilicate glass	Borosilicate glass
Filling liquid	High-purity water	High-purity water
CELL SHELL		
Outer diameter	40 mm	50 mm
Length / Overall length	290 mm / 390 mm	290 mm / 390 mm
INSERTION TUBE		
Inner diameter	10 mm	10 mm
Traceability	opt. with DAkkS-calibration certificate	opt. with DAkkS-calibration certificate
Art.-No.	51884	67059



UNIQUE COMPREHENSIVE SERVICE THROUGH OUR LUDWIG SCHNEIDER MESSTECHNIK GMBH

Our DAkkS calibration laboratory is accredited to DIN EN ISO/IEC 17025 for the measured quantities temperature and density. Thanks to our 25 years of experience and our modern equipment we can offer our customers comprehensive service.

Further details and information are available under www.kalibrierlabor.org



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