

Exact-Temp- Thermometers

High-precision instruments to monitor freezers, ultralow freezers, blood bank freezers, refrigerators, incubators and ovens as well as climate chambers.

- Thermometers traceable to PTB standard (with DKD certificate)
- Thermometers available with red/blue alcohol filling or mercury filling
- Thermometers with high-grade Teflon coating as safety breakage-protection
- Unbreakable plastic bottles
- Attached magnets for easy wall or door mounting
- Individual serial number



Ludwig Schneider 

*High-precision measuring instruments for
temperature and density*

Exact-Temp-Thermometers

Monitoring cooling and tempering units

Exact-Temp-Thermometers are high-precise instruments to monitor cooling and tempering devices in science, R&D and Industry. Each thermometer is mounted in an unbreakable plastic bottle, filled with a special medium to ensure accurate measurements even at open doors. They are supplied with magnets for space-saving wall or door fixing.

Exact-Temp-Thermometers are available with both, alcohol (red/blue) or mercury substitute filling. The product program covers a wide range of different measuring spans and scale units. All thermometers are encapsulated with a high-grade teflon breakage shield to protect contents, users and environment from splintered glass or display fluid leakage. Exact-Temp-Thermometers are very reliable and economical because they work independent from any mains or battery connection.

Certified and highly precise

Each Exact-Temp-Thermometer has been tested at our certified DKD laboratory and will be equipped with an individual serial number. Furthermore the instruments will be supplied with an individual DKD certificate and they are traceable to the National German Standard PTB.

As test equipment for devices under certified quality management systems Exact-Temp-Thermometers are the best choice.



Thermometers with alcohol filling (mercury substitute filling)

Application	Ref.-No.	Type	Measuring range (°C)	Scale unit (°C)	Length (mm)	Thermometer filling	Bottle filling
Ultralow freezers	80001 11	ULF-010S	-90 to 20	1.0	145	red	propylene glycol
	80101 11	F-100-01S	-25 to 5	0.1	210	blue	propylene glycol
Refrigerators	80001 12	F-010-1S	-30 to 0	0.5	125	red	propylene glycol
	80101 12	R-200-01S	-2 to 10	0.1	180	blue	ethylene glycol
Blood bank freezers	80001 13	BB-100S	-5 to 20	0.5	145	red	ethylene glycol
	80101 13	BB-210-01S	-2 to 10	0.1	180	blue	ethylene glycol
Cooling units	80001 14	R-020-1S	-5 to 15	0.5	125	red	ethylene glycol
	80101 14	I-300-01S	15 to 30	0.1	180	blue	ethylene glycol
Incubators	80001 15	I-030-1S	18 to 50	0.5	135	red	ethylene glycol
	80101 15	I-310-01S	25 to 45	0.1	190	blue	ethylene glycol
Heating chambers	80001 16	OV-070S	20 to 130	1.0	135	red	Vermiculite
	80001 17	OV-080-S	35 to 200	1.0	145	red	Vermiculite
	80101 16	OV-700S	50 to 115	0.5	240	blue	Vermiculite

Thermometers with mercury filling (Hg)

Application	Ref.-No.	Type	Measuring range (°C)	Scale unit (°C)	Length (mm)	Thermometer filling	Bottle filling
Ultralow freezers	80101 43	F-100-01	-25 to 5	0.1	210	Hg	propylene glycol
Cooling chambers	80001 43	F-010-1	-30 to 0	0.5	115	Hg	propylene glycol
Refrigerators	80001 44	R-020-1	-5 to 15	0.5	125	Hg	ethylene glycol
	80101 44	R-200-01	-2 to 10	0.1	180	Hg	ethylene glycol
Blood bank freez.	80101 45	BB-210-01	-2 to 10	0.1	180	Hg	ethylene glycol
Cooling units	80101 46	I-300-01	15 to 30	0.1	180	Hg	ethylene glycol
	80001 45	I-030-1	18 to 50	0.5	135	Hg	ethylene glycol
Incubators	80101 47	I-310-01	25 to 45	0.1	190	Hg	ethylene glycol
	80001 46	OV-070	20 to 130	1.0	135	Hg	Vermiculite
Heating chambers	80001 47	OV-080	35 to 200	1.0	145	Hg	Vermiculite
	80101 48	OV-700-01	95 to 115	0.1	200	Hg	Vermiculite

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