

TFX 422C **Conformity Certified Laboratory Thermometer** with fixed Pt 1000 probe



The device has been certified together with the EB 4401 food inspection case (please see page 113).



Due to the new German calibration law which became effective on January 01 2015, we were forced to stop the sales of the TFX 422 Laboratory Thermometer with PTB certification. The so called certification of conformity replaces the calibration by the measurement office. Our new Conformity Certified Laboratory Thermometer TFX 422C is the equivalent successor: same properties, same quality.

Technical Data

Measurement range	-50 °C ... +200 °C
Operating temperature	-25 °C ... +50 °C
Accuracy	± 0,3 °C
Sensor	Pt 1000, stainless steel, Ø 3 mm, L = 120 mm, pointed probe
Cable	Silicone, L = 60 cm or 150 cm, waterproof, oil resistant, food safe
Response time (t ₉₉)	Approximately 8 Sec. (moving water)
Resolution	0,1 °C
Storage Temperature	-30 °C ... +70 °C
Dimensions (L x W x H)	109 x 54 x 22 mm, without probe
Weight	90 g
Housing material	ABS
Protection class	IP 67
Battery	Lithium battery (CR 2477), 3V
Battery life time	Up to 5 years, dependent pn the application

- MIN/MAX and hold options
- High precision
- Approximately 5 years battery life time
- Waterproof (IP 67)

Type	Description	Part No.
TFX 422C-60	Conformity Certified Thermometer, with 60 cm cable	1340-5433
TFX 422C-150	Conformity Certified Thermometer, with 150 cm cable	1340-5434

TFX-410/420 Series **Core Thermometers**



TFX 410



TFX 410-1



TFX 420

General Technical Specifications

Accuracy	±0.3 °C
Resolution	0.1 °C
Sensor	Pt 1000
Operating temperature	-25 °C ... +50 °C
Storage temperature	-30 °C ... +70 °C
Battery lifetime	Approximately 5 years
Housing material	ABS
Protection class	Waterproof (IP 67)
Weight	Approximately 90 g
Dimensions (L x W x H)	109 x 54 x 22 mm (without probe)
Deactivation	Automatic after 2 hours, deactivatable