

# Verified / Verifiable Thermometer

## TFX 422



Technical Data	
<b>Type</b>	<b>TFX 422</b>
Measuring range	-50°C ... +200°C (-58°F ... 392°F)
Accuracy	±0.3°C (±0.4°F)
Resolution	0.1°C (0.2°F)
Measuring sensor	Pt1000 (length 120 mm, Ø 3 mm)
Operating temperature	-25°C ... +50°C (-13°F ... 122°F)
Storage temperature	-30°C ... +70°C (-22°F ... 158°F)
Cable length	60 cm, silicone
Thermal constant T <sub>99</sub> (moving water)	approx. 8 s
Battery	lithium button cell 3 V / 1 Ah, Type CR 2477
Battery lifetime	approx. 5 years
Deactivation	automatically after 2 hours, deactivatable
Dimensions (LxWxH)	109 x 54 x 22 mm
Housing	ABS
Protection class	IP 67
Weight	approx. 90 g

TFX 422



Applications	Attributes
<ul style="list-style-type: none"> <li>• For food inspectors and veterinarians</li> <li>• Food products industry</li> </ul>	<ul style="list-style-type: none"> <li>• Trade</li> <li>• Bakeries</li> <li>• Butcher's</li> </ul>
<ul style="list-style-type: none"> <li>• Kitchen / Restaurant</li> <li>• Temperature monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Robust and impact resistant</li> <li>• High accuracy</li> <li>• Waterproof IP 67</li> </ul>
<ul style="list-style-type: none"> <li>• Tested and recommended by the German Federal Association of Food Inspectors and Consumer Protection</li> <li>• PTB approved</li> </ul>	<ul style="list-style-type: none"> <li>• Approx. 5 years battery lifetime</li> <li>• Also available with calibration certificate</li> <li>• According to EN 13485</li> </ul>

Description	Type	Part No.
Thermometer*, verified, incl. calibration certificate with 0.6 m cable	TFX 422-verified	1340-5423
Thermometer*, verifiable, with 0.6 m cable	TFX 422-verifiable	1340-5422
Thermometer*, verified, incl. calibration certificate with 1.5 m cable	TFX 422-150	1340-5424
Thermometer*, verifiable, with 1.5 m cable	TFX 422-150	1340-5421

\* incl. probe

**Remarks**  
 \*Spare parts and accessories see pages 12 - 13.