

Precision Core Thermometer

TFX 410 / TFX 410-1 / TFX 420



Technical Data	
Type	TFX 410 / TFX 410-1 / TFX 420
Measuring range TFX 410	-50°C ... +300°C (-58°F ... 572°F)
Measuring range TFX 410-1	-50°C ... +300°C (-58°F ... 572°F)
Measuring range TFX 420	-50°C ... +400°C (-58°F ... 752°F)
Accuracy	±0.3°C (±0.5°F)
Resolution	0.1°C (0.2°F)
Sensor	Pt 1000 (different probe types available)
Operating temperature	-25°C ... +50°C (-13°F ... 122°F)
Storage temperature	-30°C ... +70°C (-22°F ... 158°F)
Battery	3.0 V lithium, exchangeable
Battery lifetime	approx. 5 years
Dimensions	54 x 22 x 109 mm without probe
Housing	ABS
Weight	approx. 90 g
Protection class	IP 67
Additional functions TFX 420	Hold, Min/Max
Certificate	3 point factory calibration
Deactivation	automatically after 2 hours, deactivatable

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Applications		
<ul style="list-style-type: none"> • Food products industry • Incoming goods inspection • Cold stores 	<ul style="list-style-type: none"> • Butcher's • Kitchen / Restaurant • Bakeries 	<ul style="list-style-type: none"> • Catering • Laboratory

Attributes		
<ul style="list-style-type: none"> • High accuracy • Precise Pt1000 probes • Robust and impact resistant 	<ul style="list-style-type: none"> • Factory calibration certificate • According to EN 13485 • Dishwasher-safe 	<ul style="list-style-type: none"> • Long battery lifetime • Replaceable battery

Description	Type	Part No.
Thermometer with fixed probe TPX 410, pointed, 60cm silicone cable	TFX 410	1340-5410
Thermometer without probe	TFX 410-1	1340-5415
Thermometer with pointed probe, 60 cm silicone cable (red) and grip, L = 120 mm, Ø 3 mm	TFX 410-1 + TPX 400	1340-5416
Thermometer with pointed probe, 60 cm silicone cable (red) and grip, L = 120 mm, Ø 3 mm	TFX 420 + TPX 400	1340-5426
Thermometer without probe	TFX 420	1340-5425
Pointed probe with 60 cm silicone cable (red) and grip, L = 120 mm, Ø 3 mm	TPX 400	1341-5416

Remarks
 *See pages 12 - 13 for probe variants, replacement parts and accessories.