

FIRT 1000 DataVision Infrared Thermometer



TECHNICAL DATA		FIRT 1000 DATAVISION	FEATURES	SUPPLIED WITH FIRT 1000 DATAVISION
ART.-NO. 800030				
D(istance):S(pot)		50:1	<ul style="list-style-type: none"> · For non-contact temperature measurement with laser dot · Short response time of 150 ms and an accuracy of $\pm 1,0 \%$ · 2.2" TFT colour LC display · Dual laser pointer for better targeting · Permanent measuring · Compatible with all standard connector Type-K thermocouples · Easy transmission of measurements to PC via USB · Memory socket for Micro-SD Cards · Integrated camera for images (JPEG) and video (AVI) · Date / Time function · Measurement of air humidity and ambient temperature · Determination of dewpoint 	<ul style="list-style-type: none"> · Battery · USB cable · Mini tripod · Type-K temperature probe · Case
Temperature range		-50 °C to +1000 °C		
Ø measuring spot at 100 cm		20 mm		
Emissivity		adjustable 0.10 – 1.0		
Laser pointer		yes, dual		
Auto data HOLD		yes		
Illuminated display		yes		
Max, Min, DIF, AVG record		yes		
High and low alarm		yes		
Power supply		3.7 V Li-Ion battery		
Response time		< 150 ms		
Resolution		0.1 °C – 1000 °C		
		1 °C over 1000 °C		
Temperature range Type-K probe		-50 °C to +1370 °C		
Accuracy (IR) (+20 °C – +400 °C)		$\pm 1.0 \%$ ± 1 °C		
Accuracy (TK) (-50 °C to +1370 °C)		$\pm 0.5 \%$ ± 1.5 °C		
Laser class		2		
Weight		0.45 kg		
Dimensions		205 x 62 x 155 mm		