





THE DEGREE OF PROFESSIONALISM:
EXTREMELY HIGH.

Suitable for a wide range of applications including electrical, food preparation, automotive, maintenance, construction, health and safety – the environmental measurement devices from geo-FENNEL are reliable partners wherever physical values such as temperature and humidity must be precisely determined. They are characterized by their ease of use and intuitive operation – taking precise measurement to achieve visible and tangible results.

FVE 100 Video Borescope



» Video borescope for inspection and survey of inaccessible areas.

» **Trades and tasks:** Sanitary, heating and ventilation, car industry, workshops, renovation.

» OPTIONAL FOR FVE 100 AND FVE 150

Optional accessories: Gooseneck probes of 1 m and 2 m length with standard camera head of 17 mm and with 9 mm only.

Reference	Gooseneck length	Camera head diameter	Art.-No.
P 1-17	1 m	17 mm	800750
P 2-17	2 m	17 mm	800751
P 4-17	4 m	17 mm	800754
P 1-9	1 m	9 mm	800752
P 2-9	2 m	9 mm	800753
P 4-9	4 m	9 mm	800755



TECHNICAL DATA	FVE 100	FEATURES	SUPPLIED WITH FVE 100
Camera head			ART-NO. 800700
Viewable angle	0° and 180°	<ul style="list-style-type: none"> · Water proof camera head and probe · 1 m long flexible gooseneck probe with camera head for the optical inspection of inaccessible areas · Camera head with LED lighting · Immediate transfer of the colour image to the large LCD display · 180° image rotation at the press of a button · Direct transfer of image to television or notebook · Accessories: <ul style="list-style-type: none"> · Hook and magnet attachments for object retrieval · Angle mirror attachment to "view around corners" · Powerful Li-Ion battery with charger 	<ul style="list-style-type: none"> · Video borescope · 1 m flexible gooseneck probe · TV cable · USB cable · Charger · Magnet · Hook · Mirror · Container
Focal length	6–7 cm		
Viewable distance	5–15 cm		
Diameter of camera head	17 mm		
Light source	LED		
Display			
Display size	3"		
Resolution	960 x 240 pixel		
Image transmission to LCD	Flexible gooseneck		
CMOS Image sensor	300.000 pixel		
Video output (to TV)	PAL / NTSC		
Various			
Probe length	100 cm		
Bend radius of probe	6 cm		
Dust / water protection probe and camera	IP 67		
Power supply	3.7 V / 2000 mAH Li-Ion		
Operating time	4 h		
Temperature range	-10 °C – + 50 °C		
Humidity range	15 % – 85 % RH		
Dimensions	240 x 160 x 100 mm		
Weight with probe	0.584 kg		

FVE 150 Video Borescope



- » Video borescope for inspection and survey of inaccessible areas. Photos and videos can be memorized for documentation purposes.
- » **Trades and tasks:** Sanitary, heating and ventilation, car industry, workshops, renovation.

1 With SD-card for fast transmission of the data to PC



TECHNICAL DATA	FVE 150	FEATURES	SUPPLIED WITH FVE 150
			ART-NO. 800710
Camera head		<ul style="list-style-type: none"> · Water proof camera head and probe · 1 m long flexible gooseneck probe with camera head for the optical inspection of inaccessible areas · Camera head with LED lighting · Immediate transfer of the colour image to the large LCD display · 180° image rotation at the press of a button · Internal memory or SD-card to store images and video sequences · 4 GB SD-card included (supports up to 8 GB) · Date and time indication on the display · Transmission of video clips / images onto television or PC for editing or documentation · Multi-language menu (DE, EN, FR, ES, IT, FI) · Accessories: see FVE 100 	<ul style="list-style-type: none"> · Video borescope · 1 m flexible gooseneck probe · TV cable · USB cable · Charger · Magnet · Hook · Mirror · 4 GB SD-card · Container
Viewable angle	0° and 180°		
Focal length	6–7 cm		
Viewable distance	5–15 cm		
Diameter of camera head	17 mm		
Light source	LED		
Display			
Display size	3.2"		
Resolution	320 x 240 pixel		
Image transmission to LCD	Flexible gooseneck		
CMOS Image sensor	300.000 pixel		
Video output (to TV)	PAL / NTSC		
Picture / video formats	JPG / 3 GP		
Resolution picture / video	320 x 240 Pixel		
Various			
Internal memory	70 MB		
Additional memory	4 GB SD-card		
	supports up to 8 GB (optional)		
Operation languages	EN, FR, DE, ES, IT, FI		
Probe length	100 cm		
Bend radius of probe	6 cm		
Dust / water protection probe / camera	IP 67		
Power supply	3.7 V / 2000 mAh Li-Ion		
Operating time	4 h		
Temperature range	-10 °C – + 50 °C		
Humidity range	15 % – 85 % RH		
Dimensions	240 x 160 x 100 mm		
Weight with probe	0.584 kg		

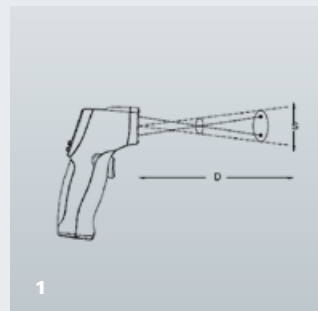
FIRT 550-Pocket and FIRT 800-Pocket Infrared Thermometer



1 The dual laser dot to focus the target

» Small and handy infrared thermometer, easy to operate, for versatile applications. Particular feature: Measurement with dual laser to focus the target.

» **Trades and tasks:** Heating, ventilation and refrigeration systems, food industry, car industry, construction, building construction, fire inspection, injection molding industry, ship maintenance, isolation (heat loss), drying facility.



TECHNICAL DATA	FIRT 550-POCKET	FIRT 800-POCKET	FEATURES
D(istance):S(pot)	12:1	10:1	For non-contact measurement with laser dot. Quick measurements for: <ul style="list-style-type: none"> · Surfaces which are difficult to reach · Moving or rotating objects · Electrified parts · Chemicals · Hot objects
Temperature range	-50 °C – +550 °C	-35 °C – +800 °C	
Ø measuring spot at 100 cm	80 mm	100 mm	
Emissivity	adjustable 0.1 – 1.0	adjustable 0.1 – 1.0	
Laser pointer	yes, dual	yes, dual	
Auto data HOLD	yes	yes	
Illuminated display	yes	yes	
Max, Min	Max only	yes	
High and low alarm	yes	yes	
Power supply	9V battery	9V battery	
Response time	< 1 sec	< 1 sec	
Resolution display	0.1 °C	0.1 °C	
Accuracy	± 1 %	± 1 %	
Laser class	2	2	
Weight	0.178 kg	0.178 kg	
Dimensions	146 x 104 x 43 mm	160 x 82 x 42 mm	
			SUPPLIED WITH
			FIRT 550-POCKET
			ART.-NO. 800001
			· Case and battery
			SUPPLIED WITH
			FIRT 800-POCKET
			ART.-NO. 800002
			· Case and battery

FIRT 1000 DataVision Infrared Thermometer

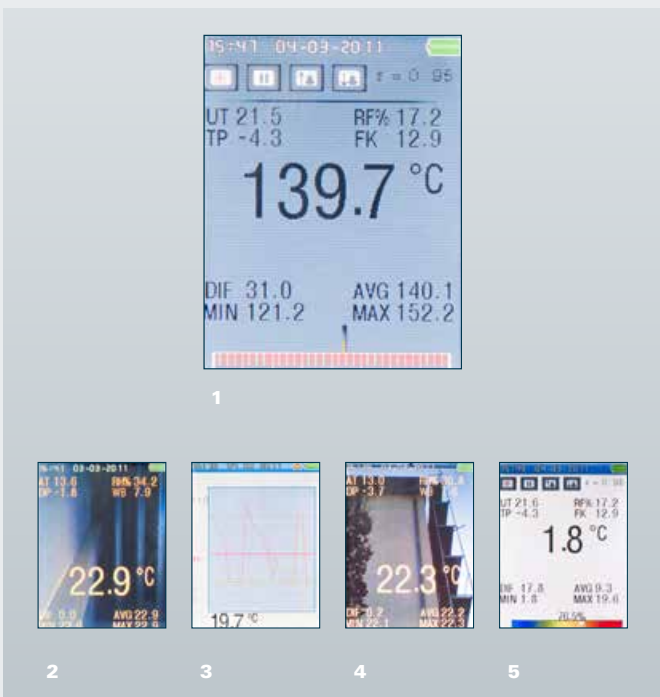


» Infrared thermometer with a large temperature range and integrated 2.2" TFT colour LC display for monitoring and evaluation of monitored data.

» **Trades and tasks:** Old-building renovation, heating, ventilation construction, building construction, food control, drying facility, isolation (heat loss).

- 1 Display with simultaneous indication of:
 - Date / time
 - Ambient temperature
 - Dewpoint temperature
 - Temperature of the object measured
 - Minimum temperature
 - Maximum temperature
 - Temperature difference
 - Average temperature
 - Wet bulb temperature
 - Ambient humidity
 - Emissivity
 - Battery status indicator

- 2 Video camera function
- 3 Data log function
- 4 Digital camera function
- 5 Dewpoint temperature function



TECHNICAL DATA	FIRT 1000 DATAVISION	FEATURES	SUPPLIED WITH
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 ± 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 	ART.-NO. 800030 <ul style="list-style-type: none"> · Battery · USB cable · Mini tripod · Type-K temperature probe · Case
Temperature range	-50 °C – +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 – +1370 °C		
Accuracy (IR) (+20 °C – +400 °C)	± 1.0 % ± 1 °C		
Accuracy (TK) (-50 °C – +1370 °C)	± 0.5 % ± 1.5 °C		
Laser class	2		
Weight	0.45 kg		
Dimensions	205 x 62 x 155 mm		



FIRT 1600 Data Infrared Thermometer

- » For very high temperature measurements.
- » With integrated memory for monitoring and analysis.
- » **Trades and tasks:** Foundry, monitoring of: brake drums, discs, electric motors, exhaust systems.

TECHNICAL DATA	FIRT 1600 DATA	FEATURES	SUPPLIED WITH
			ART.-NO. 800020
D(istance):S(pot)	50:1	<ul style="list-style-type: none"> · For non-contact temperature measurement with laser dot · 150 ms fast sampling with 1 % accuracy · High temperature range · Built-in dual laser pointers for accurate targeting · Permanent measuring · Compatible with all standard connector Type-K thermocouples · USB interface · Memory for 99 measurements · Easy transmission of data to PC via USB interface 	<ul style="list-style-type: none"> · Battery · USB cable · Mini tripod · Type-K temperature probe · Case
Temperature range	-50 °C – +1600 °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		
Power supply	9 V battery		
Response time	Less than 150 ms		
Resolution	0.1 °C – 1000 °C 1 °C over 1000 °C		
Temperature range Type-K probe	-50 °C – +1370 °C		
Accuracy (IR) (+20 °C – +400 °C)	± 1.0 % ± 1 °C		
Accuracy (TK) (-50 °C – +1370 °C)	± 1.5 % of reading + 3 °C		
Laser class	2		
Weight	0.3 kg		
Dimensions	204 x 155 x 52 mm		



FHT 70 DataLog Temperature and Humidity Data Logger

- » Data logger for recording temperatures and air humidity over a longer period for check-up and analysis.
- » **Trades and tasks:** Cold storage house, drying, gallery, food industry.

TECHNICAL DATA	FHT 70 DATALOG	FEATURES
Function	Range	Basic accuracy
Relative humidity	0 % – 100 % RH	± 3.0 %
Temperature	-40 °C – 70 °C	± 1 °C
Logging rate	Select sampling interval from 1 sec to 24 h	Resolution
Operating temperature	-35 °C – +80 °C	0.1 % RH
Power supply	3.6 V Lithium	± 0.1 °C
Size	132 x 66 x 37	SUPPLIED WITH
Weight	180 g	
		ART.-NO. 800120
		<ul style="list-style-type: none"> · 3.6 V lithium battery · Software · Clamshell

- Measures temperature and air humidity
- Internal memory for 32.700 readings (3 x 10.900)
- Selectable measurement cycle from 1 sec to 24 h
- LCD with date, time, temperature, humidity, limit value
- Software for analysis

FT 1300-1 / FT 1300-2 Professional K-Type Thermometers with single and dual input



» **Trades and tasks:** Temperature measurements of liquid construction materials like asphalt, isolation checks, measurements in the HVAC branch, energy supply, industrial and laboratory application.

TECHNICAL DATA	FT 1300-1	FT 1300-2	FEATURES
ART.-NO.	800400	800410	
Scanfunction	1 measurement	2 measurements simultaneously or temperature difference	<ul style="list-style-type: none"> · Indication of maximum value (MAX) · Data HOLD function · Large display (45 mm) with illumination
Sampling rate	2.5 x per second	2.5 x per second	
Accuracy	± 0,5 % / ± 1 °C	± 0,5 % / ± 1 °C	
Display resolution	0.1 °C / 1 °C	0.1 °C / 1 °C	
Temperature range	-50 °C – +1300 °C	-50 °C – +1300 °C	SUPPLIED WITH
Measuring units	°C / °F / K	°C / °F / K	
Dimensions	162 x 76 x 39 mm	162 x 76 x 39 mm	<ul style="list-style-type: none"> · Flexible wire probe TP-300 · Set of batteries · Case
Weight	0.21 kg	0.21 kg	
Power supply	Alkaline batteries	Alkaline batteries	

FT 1000-Pocket Digital Thermometer



» **Trades and tasks:** Temperature measurement of liquids and soft materials.

TECHNICAL DATA	FT 1000-POCKET	FEATURES	SUPPLIED WITH
Temperature range	-20 °C – +1000 °C	<ul style="list-style-type: none"> · Handy thermometer with immersion probe · Pocket-size, light weight, easy to operate 	ART.-NO. 800420
Accuracy	± 3 %		<ul style="list-style-type: none"> · Set of batteries · Incorporated all-purpose probe
HOLD function	yes		
Automatic shut-off	yes		
Battery status indicator	yes		
Dimensions	117 x 65 x 24 mm		
Weight	0.16 kg		
Power supply	Alkaline batteries		

FHT 60 and FHT 100 Humidity and Temperature Meter

» **Trades and tasks:** Environmental monitoring, warehouses, production facilities, greenhouses (floristics), ventilating and air-conditioning, civil engineering, construction physics, expert report.



» FHT 60



» FHT 100

TECHNICAL DATA	FHT 60	FHT 100	FEATURES
ART.-NO.	800100	800110	
Temperature range	-20 °C – +60 °C	-30 °C – +100 °C	<ul style="list-style-type: none"> Fast measurement of relative humidity and temperature FHT 100 <ul style="list-style-type: none"> Dewpoint temperature measurement for recognition of mold building up and wet bulb temperature measurement (evaporation temperature)
Humidity range	0 % – 100 % RH	0 % – 100 % RH	
Fast response time	yes	yes	
Illuminated display	yes	yes	
Max HOLD	yes	yes	
Data HOLD	yes	yes	
Dewpoint temperature	no	-30 °C – +100 °C	
Wet bulb temperature	no	0 °C – +80 °C	
Accuracies:			
Humidity	± 3.5 % RH	± 2 % RH	
Temperature	± 2 °C	± 0.5 °C	SUPPLIED WITH
Dewpoint	–	± 0.5 °C	
Wet bulb	–	± 0.5 °C	
			<ul style="list-style-type: none"> Case Battery



FHM 10 Moisture Meter

- » Pocket-size moisture meter for fast and convenient measurement of moisture content.
- » **Trades and tasks:** Building and construction: plaster, gypsum, concrete and mortar; wood construction: sawn timber; general: firewood, wood, cardboard, paper.

TECHNICAL DATA	FHM 10	FEATURES	SUPPLIED WITH
Measuring range wood	6 % – 44 %	<ul style="list-style-type: none"> · Measurement principle: electrical resistance · Dual display for wood and construction materials · Replaceable 8 mm measuring pins · Protective cap with integrated function and battery check · Automatic power-off · Impact resistant housing 	ART.-NO. 800310
Accuracy wood	± 1 %*		· CR2032 batteries
Measuring range other materials	0.2 % – 2 %		
Accuracy other materials	± 0,05 %		
Power supply	3 x CR2032 batteries		
Dimensions	130 x 40 x 25 mm		
Weight	102 g		

*Average adjustment for European wood based on wood temperature of 20 °C



FHM 20 Moisture Meter

- » Moisture meter for wood and building materials.

Wood: Calibrated to 170 wood types in 8 groups.

Building materials: Gypsum, plaster, concrete, concrete screeds, mortar, cardboard, paper.

Measurement of humidity permeation, surface humidity, determination of dry and humid areas.

1 Moisture and temperature probe

TECHNICAL DATA	FHM 20	FEATURES	SUPPLIED WITH
Measuring principle	Electrical resistance	<ul style="list-style-type: none"> · External moisture measurement probe · External temperature probe: at measurement with moisture and temperature probe the moisture measurement is carried out with automatic temperature compensation. This leads to a higher accuracy · 8 mm measuring pins (replaceable) · Protective cap with integrated calibration check · Battery indicator · Automatic power-off (adjustable time) 	ART.-NO. 800320
Measuring range wood	6 – 99,9 %		· Moisture and temperature probe
Accuracy wood	± 1 %*		· Padded bag
Measuring range building materials	3–33 %		· 2 x spare measuring pins
Accuracy building materials	± 1 %		· 2 x AAA Batteries
Range temperature measurement	0 °C – +60 °C		
Dimensions	180 mm x 50 mm x 31 mm		
Weight	175 g		



*Average adjustment for European wood at 20°C



FFM 100 Moisture Detector

- » Quick non-destructive measurement of surface humidity up to 40 mm measuring depth.
- » **Trades and tasks:** Building materials, concrete floors, walls, ceilings.

TECHNICAL DATA	FFM 100	FEATURES	SUPPLIED WITH
Measuring depth	20 – 40 mm	Quick measurement of humidity in building materials without destruction of the surface · Indication of minimum / maximum values · Sensor type: metal spheroid	ART.-NO. 800650
Measuring range	0 – 100 digits		· Set of batteries
Resolution	1 digit		
HOLD function	yes		
Display illumination	yes		
Automatic shut-off	yes		
Battery status indication	yes		
Dimensions	80 x 45 x 45 mm		
Weight	0.18 kg		
Power supply	Alkaline batteries		



FTA 1 Thermometer-Anemometer

- » A professional remote vane thermo-anemometer for measuring air velocity, air flow and temperature.
- » **Trades and tasks:** Ventilation and air-conditioning: installation of ventilation systems, measurements of air flow and temperature; agriculture: crop spraying, ventilation surveys and crop storage; environmental monitoring.

TECHNICAL DATA	FTA 1	FEATURES
Air velocity	Measuring range	· Simultaneous display of air flow or air velocity and ambient temperature · Large easy-to-read LCD with switchable backlight · Maximum / minimum function · 20 average readings for air flow and air velocity · Data HOLD function · 16 memory locations for area (8 CMM, 8 CFM) · Remote vane with low-friction bearing (65 mm diameter) for accurate results
m/s	0.40 – 30.00	
ft/min	80 – 5900	
km/h	1.4 – 108.0	
mph	0.9 – 67.0	
knots	0.8 – 58.0	
Air flow	Measuring range	
CMM (m ³ /min)	0 – 999,900	
CFM (ft ³ /min)	0 – 999,900	
Air temperature	Measuring range	
°C	-10 °C – +60 °C	
°F	14 °F – 140 °F	
Various		SUPPLIED WITH
Power supply	1 x 9 V	ART.-NO. 800450
Operating time	80 h	· Sensor with 120 cm cable
Dimensions	75 x 203 x 50 mm	· 9 V alkaline battery
Weight	280 g	· Container



FSM 130+ Sound Level Meter

» **Trades and tasks:** Industry, health and safety, school, public works, environmental measurements.

TECHNICAL DATA	FSM 130+	FEATURES	SUPPLIED WITH
Low range (Lo)	35–100 dB	<ul style="list-style-type: none"> · For quick check of sound level · Standard IEC 651 type 2 	ART-NO. 800210 <ul style="list-style-type: none"> · Case · Battery
High range (Hi)	65–130 dB		
Frequency weighting A, C	Lo 35–100 dB Hi 65–130 dB		
Max HOLD	yes		
Data HOLD	yes		
Analogue AC/DC output to analyzer or recorder	yes		
IEC 651 Type 2 standard	yes		
Built-in calibration check	yes		
Accuracy at 94 dB	1.5 dB		
Operation temperature	0 °C – +40 °C		
Operation humidity	< 80 % RH		



FMM 5 5-in-1 Digital Multimeter



» **Trades and tasks:** Universal measuring device for DC and AC voltage, DC current resistance, transistor hFE diode and continuity test, light (luminosity), sound, humidity, temperature overload protection.

TECHNICAL DATA				FMM 5	SUPPLIED WITH
					ART-NO. 800600
Multimeter	Max. Range	Resolution	Accuracy		<ul style="list-style-type: none"> · All-purpose probe TP-500 · Set of batteries · Case · Testing cable
Voltage DC	600 V	0.1 mV	± 0.5 % ± 2*		
Voltage AC	600 V	100 mV	± 1.2 % ± 10*		
Current DC	10 A	0.1 µA	± 1.0 % ± 2*		
Resistance	20 MΩ	0.1 Ω	± 0.8 % ± 2*		
Environment	Max. Range	Resolution	Accuracy		
Light (luminosity)	20,000 Lux	0.1 Lux	± 0.5 % ± 10*		
Sound	100 dB	0.1 dB	± 3.5 dB		
Humidity	95 % RH	0.1 % RH	± 5.0 % RH		
Temperature	-20 °C – +200 °C	0.1 °C	± 3.0 % ± 1*		
	-20 °C – +1300 °C	0.1 °C	± 3.0 % ± 5*		

* Digits



FGD 1 Gas Leak Detector

- » Easy-to-use gas leak detector for locating gas leaks from a safe position.
- » Detects following gas types: Natural gas, propane, butane, methane, acetone, alcohol, gasoline, jet fuel, carbon monoxide, ammonia, steam, hydrogen sulfide, smoke, industrial solvents, lacquer thinner, naphta.
- » **Trades and tasks:** Gas industry, chemical industry, laboratory, car repair shops.

TECHNICAL DATA	FGD 1	FEATURES	SUPPLIED WITH
Sensitivity	50 ppm	<ul style="list-style-type: none"> · 40 cm gooseneck detector · Visual leak detection by LED indicators · Precision sensor detects even the smallest leaks · Fast response of less than two seconds · Includes earphone jack 	ART.-NO. 800470
Sensor type	Low power semi-conductor		· Batteries
Warm-up time	approx. 60 sec		
Response time	< 2 sec		
Duty cycle	continuous		
Probe length	40 cm		
Power supply	3 x C Alkaline		
Operating time	8 h		
Alarm	visible and audible		
Size	221 x 72 x 46 mm		
Weight	498 g		



FLM 400 Data Luxmeter

- » Luxmeter for professional indoor measuring and monitoring of light insolation.
- » **Trades and tasks:** Building construction, indoor construction, censor.

TECHNICAL DATA	FLM 400 DATA	FEATURES	SUPPLIED WITH
Maximum measuring range	400,000 Lux	<ul style="list-style-type: none"> · Measuring range 0 to 400,000 Lux · Sampling rage 1.5 times / sec · Large LC display · Measuring range 4,000 digits · 41 analogue bargraph indication · 99 values in memory for direct reading on the meter · 16,000 values can be stored in data logger · Max / Min function · High accuracy and short response time · USB-interface 	ART.-NO. 800510
Accuracy	± 5 % ± 10 d (< 10,000 Lux) ± 10 % ± 10 d (> 10,000 Lux)		· 9 V battery
Resolution	0.1 Lux		· Photo detector
Sampling rate	1.5 times / sec		· USB cable
Data HOLD function	yes		· Software
Automatic power-off	yes		· Carrying case
Output	USB		
Power supply	9 V NiMh		
Size photo detector	115 x 60 x 27 mm		
Size instrument	203 x 75 x 50 mm		
Weight	390 g		

FCT 1 Data Coating Thickness Tester



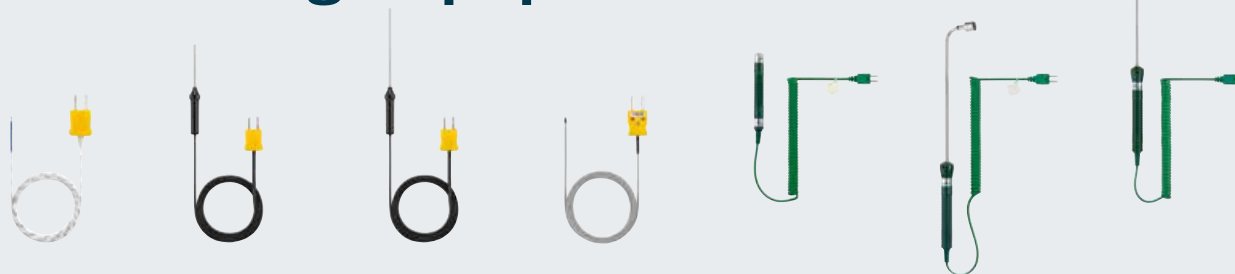
- » Coating Thickness Tester for fast testing and measuring of non-magnetic coatings on steel or non-ferrous metals.
- » **Trades and tasks:** Paint shops, car industry, construction.

» Accessories for calibration



TECHNICAL DATA	FCT 1 DATA	FEATURES	SUPPLIED WITH
			ART.-NO. 800460
	Probe F	Probe N	
Working principle	Magnetic induction	Eddy current principle	<ul style="list-style-type: none"> · 2 x AAA batteries · USB cable · Software · Calibration accessories · Case
Measuring range	0 – 1250 µm 0 – 49.21 mils	0 – 1250 µm 0 – 49.21 mils	
Guaranteed tolerance (of reading)	0 – 850 µm (± 3 % +1 µm) 0 – 33.46 mils (± 3 % +0.039 mils)	0 – 850 µm (± 3 % +1.5 µm) 0 – 33.46 mils (± 3 % +0.059 mils)	
	850 – 1250 µm (± 5 %)	850 – 1250 µm (± 5 %)	
	33.46 – 49.21 mils (± 5 %)	33.46 – 49.21 mils (± 5 %)	
Resolution 0 – 50 µm	0.1 µm	0.1 µm	
Resolution 0 – 1.968 mils	0.001 mils	0.001 mils	
Diameter of minimum area	7 mm	5 mm	
Basic thickness of material	0.5 mm	0.3 mm	
Working temperature	0 °C – +40 °C	0 °C – +40 °C	
Working relative humidity	20 % ~ 90 %	20 % ~ 90 %	
Power supply	2 x AAA Alkaline	2 x AAA Alkaline	
Size	113.5 x 54 x 27 mm	113.5 x 54 x 27 mm	
Weight	110 g	110 g	
		<ul style="list-style-type: none"> · Internal memory for 80 readings per group · Easy data transfer to PC by USB · PC software · Measures insulating coatings on non-ferrous metals · Automatic recognition of the material (Fe / NFe) · Sensor with V-groove for measurements of round objects · Magnetic induction and eddy current measuring principle · Single and permanent measurement · AVG / Max / Min function · Alarm function 	

Accessories for Environmental Measuring Equipment



- » TP-300
- » TP-500
- » TP-550
- » NR-88B
- » NR-31B
- » NR-33
- » NR-38

OUTLINE

Accessories	Function	Length	Temperature range	suitable for	ART.-NO.
TP-300	Flexible wire probe	100 cm	-50 °C – +300 °C	FT1300-1, -2, FMM5	800900
TP-500	All-purpose probe (metal tip length 7 mm)	85 cm	-50 °C – +900 °C	FT1300-1, -2, FMM5	800901
TP-550	All-purpose probe (metal tip length 15.5 cm)	94 cm	-50 °C – +900 °C	FT1300-1, -2, FMM5	800906
NR-88B	Flexible steel probe	100 cm	-50 °C – +450 °C	FT1300-1, -2, FMM5	800902
NR-31B	Surface temperature probe	12 cm	-50 °C – +450 °C	FT1300-1, -2, FMM5	800903
NR-33	Right angle surface temperature probe	34 cm	-50 °C – +450 °C	FT1300-1, -2, FMM5	800904
NR-38	Air temperature probe	21 cm	-50 °C – +800 °C	FT1300-1, -2, FMM5	800905