

Damp Meter

RH5

Thermohygrometer for Paper Stacks

- measures relative humidity and temperature
- non-destructive measurement method
- memory capacity for 10000 values
- dew point from -55 to +60 °C
- PC interface



TECHNICAL SPECIFICATIONS

Meas. range	0 ... 100 % RH / -10 ... +60 °C
Resolution	0.1 % RH / 0.1 °C
Accuracy	± 1.5 % RH / ± 0.4 °C
Dew point	-55 ... +60 °C
Response time	< 10 s
Memory	10000 measured values
Interface	USB
Display	graphical display
Power supply	4 x AA 1.5 V batteries
Dimensions	case 145 x 63 x 29 mm
	sensor 295 mm
Weight	285 g

INCLUDES

Thermohygrometer, wooden box, instruction manual

ITEM NO.	ITEM
K-RH5	thermohygrometer

OPTIONAL ACCESSORIES

K-RH5-10072	calibration device
K-RH5-10352	calibration set 50 %, 5 pieces
K-RH5-12278	software with USB adaptor
K-RH5-11131	ISO calibration certificate

GMK 100

Capacitive Material Moisture Meter

- non-destructive measuring method
- moisture displayed in percentage
- moisture evaluated on 6 levels
- acoustic and visual moisture alarm
- 2 measurement depths selectable



TECHNICAL SPECIFICATIONS

Meas. depth	10 mm and 25 mm
Moisture eval.	visual: moisture on 6 levels WET until DRY acoustic signal
Charact. curves	18 characteristic curves for wood and common construction materials
Functions	Automatic Power Off, HOLD
Display	char. curves, meas. value (backlight)
Power supply	9 V battery
Case	ABS break-proof / IP65
Operating cond.	-25 ... +50 °C
Dimen. / weight	106 x 67 x 30 mm, approx. / 145 g

INCLUDES

Capacitive material moisture meter, 9 V battery, instruction manual

ITEM NO.	ITEM
K-GMK 100	material moisture meter

OPTIONAL ACCESSORIES

K-PW 25	testing block
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BLCompact RH-T Flex

Equilibrium Moisture Content Meter

- flexible tube sensor available in 2 lengths (Ø 6.5 mm)
- wet bulb temperature, dew point, water activity
- wood moisture balance
- MIN, MAX and HOLD functions / 3 line LC display
- Isorption isotherm for hard and soft wood as well as for 10 different construction materials



TECHNICAL SPECIFICATIONS

	Meas. range / accuracy
Humidity	5 % ... 98 % / 0.1 %
Temperature	-40 °C ... +80 °C / 0.1 °C
Response time	<2 seconds
Memory	last 5 measured values
Power supply	9 V battery
Operating cond.	0 ... +50 °C
Display	3 lines
Dimensions	180 x 50 x 30 mm
Short sens.(12045)	250 mm / 6.5 mm
Long sens.(12046)	350 mm / 6.5 mm
Weight	approx. 320 g

INCLUDES

Equilibrium moisture content meter, sensor (one of two models), battery, box, instruction manual

ITEM NO.	ITEM
K-BL Compact RH-T flex	sensor 250 mm
K-BL Compact RH-T flex-L	sensor 350 mm



The telescopic sensor tip allows access to cracks and crevices which are hard to reach.

Klimagriff®

Klimagriff® Window Mould Protector

- 3 LEDs indicate: close window, heat / open window
- acoustic signal (can be deactivated)
- determines ambient temperature at the window (or coldest corner of the room), hum. / window position
- all data saved for 2 years and available to download via mini USB port
- softw. gives ventilation / heating recommendations



TECHNICAL SPECIFICATIONS

Meas. range	-5 ... +50 °C
Accuracy	± 0.3 °C temperature ± 5 % RH ± 5 ° window position
Electronics	ring memory / real time clock ±15 minutes per year / RoHS compliant
Connection	mini USB interface / touch keys for menu navigation
Display	LCD
Power supply	2 x 1.5 V AA battery; 2 year life
Hole spacing	43 mm for window fittings (DIN 18267:2005-01)

INCLUDES

Mould protector, batteries, screws, square extension according to DIN 18267:2005-01, instruction manual

ITEM NO.	ITEM
Klimagriff	mould protector



The handle is not included in the delivery.
The original handle of the window can be used.

BL Compact TF2

Rel. Humidity / Abs. Moisture Meter

- calculates dew point temperature
- automatically calculates wood moisture balance
- USB interface for data transmission
- memory for last 5 values
- MIN, MAX and HOLD functions
- 3-line LC display



TECHNICAL SPECIFICATIONS

	Measurement range / resolution
Temperature	-20 °C ... +80 °C / 1 °C
Humidity	0 % ... 100 % / 0.1 %
Accuracy	Temp. ± 0.3 °C (-10 °C ... +60 °C) Humidity ± 2 % RH
Display	3-line LCD
Response time	<2 seconds
Storage conditions	0 ... +50 °C (short t. -10 ... +60 °C)
Applicable types	6LR61 type and / or 6F22 type
Power supply	9 V battery
Dimensions	180 x 50 x 30 mm
Weight	310 g

INCLUDES

Humidity / moisture meter, battery, plastic box, instruction manual

ITEM NO.	ITEM
K-BL Compact TF2	humidity / moisture meter



PCE-PMI 1

Material Moisture Meter

- non-destructive measurement of surface
- penetration depth 20 ... 40 mm
- LC display with backlight
- measures on the basis of electrical resistance of material
- Automatic Power Off function



TECHNICAL SPECIFICATIONS

Meas. range	0 ... 100 digits
Resolution	1 digit
Penetration depth	20 ... 40 mm
Meas. method	capacitive (electrical resistance)
Measurement	non-destructive
Display	LCD
Functions	MIN, MAX, HOLD, Auto Power Off (batt. saving, can be deactivated)
Electrode	metallic spheroid
Power supply	9 V battery
Dimensions	180 x 45 x 35 mm
Weight	180 g

INCLUDES

Material moisture meter, bag, battery, instruction manual

ITEM NO.	ITEM
K-PCE-PMI 1	material moisture meter



Damp Meter

BL Compact B

Building Moisture Indicator (% weight / % CM)

- 7 characteristic curves for materials / 2 characteristic curves for insulation materials
- MIN, MAX and HOLD functions/ acoustic alarm
- automatic calibration
- Automatic Power Off



TECHNICAL SPECIFICATIONS

	Measurement range / resolution
Digits	0 ... 100 / 1
Building hum.	0.4 ... 6.0 % weight / 0.1 %
Wood moisture	tendency indication / 3 levels
Display	3 lines
Response time	<2 seconds
Power supply	9 V battery
Operating cond.	0 ... +50 °C -10 ... +60 °C (short time)
Applicable types	6LR61 type and / or 6F22 type
Dimensions	190 x 50 x 30 mm
Weight	approx. 180 g

INCLUDES

Building moisture indicator, battery, plastic box, instruction manual

ITEM NO.	ITEM
K-BL Compact B	building moisture indicator



PCE-WP21

Moisture Meter for Concrete and Screed

- selectable types of concrete (light / heavy)
- no need to prepare sample
- 3-digit LC display
- can be used on-site easily
- battery level indication



TECHNICAL SPECIFICATIONS

Meas. range	1 ... 8 % absolute humidity
Resolution	0.1 %
Accuracy	±0.7 %
Meas. type	non-destructive
Meas. method	high-frequency measurement method
Meas. depth	approx. 50 mm
Power supply	9 V battery
	battery level indication
Functions	light / heavy concrete
Display	LCD, 3 1/2 digits
Dimensions	165 x 80 x 30 mm
Weight	500 g

INCLUDES

Moisture meter, battery, carrying case, instruction manual

ITEM NO.	ITEM
K-PCE-WP21	moisture meter



PCE-WP24

Moisture Meter for Building Materials

- meas. depth 50 ... 60 mm (depends on material)
- measurement results within seconds
- no need to prepare sample
- large LCD display
- suitable for on-site use
- battery level indication



TECHNICAL SPECIFICATIONS

Measurement range wood:	4 ... 60 % absolute moisture
building mat.:	0 ... 10 % abs. m.
Resolution / accuracy	0.1 % / ± 0.7 %
Meas. depth	wood: approx. 50 mm building material: approx. 60 mm
Settings	density 0.3 ... 1.1 g/cm³ dens. building mat.: 0.8 ... 2.8 g/m³ wood thickness: 10 ... 60 mm build. mat. thickness: 30 ... 50 mm
Power supply	9 V battery
Display	LCD, 3 1/2 digits
Dimens. / weight	165 x 80 x 30 mm / 500 g

INCLUDES

Moisture meter, battery, carrying case, instruction manual

ITEM NO.	ITEM
K-PCE-WP24	moisture meter



Damp Meter

BL Compact

Insulation Material Moisture Meter

- moisture measuring device for quick individual or serial measurements
- characteristic curves for 3 types of construction materials and 2 insulation materials
- moisture of wood and construction materials displayed in % weight on 3-line LCD display
- correction of wood types in 4 stages
- displays the device and ambient temperature



TECHNICAL SPECIFICATIONS

Measurement range	wood moisture: 6 ... 25 % (abs.dry) building m.: 0.4 ... 6.0 % weight
Resolution	0.1 %
Display	3-line screen
Response time	<2 seconds
Functions	MIN, MAX, HOLD, Automatic Power Off
Operating cond.	0 ... +50 °C -10 ... +60 °C (short time)
Power supply	9 V battery
Applicable types	6LR61 type and / or 6F22 type
Dimensions / weight	200 x 50 x 30 mm / approx. 170 g

INCLUDES

Moisture meter, battery, replacement tips, plastic cover, plastic box, instruction manual

ITEM NO.	ITEM
K-BL Compact	moisture meter

OPTIONAL ACCESSORIES

K-14351	penetration tips HW 175
K-14352	penetration tips BI 175
K-4600	tips without insulation 20 mm

PCE-HGP

Material Moisture and Temp. Meter

- 3 groups of wood / building material: mean characteristic curve
- well readable display
- automatic temperature compensation
- Automatic Power Off
- includes battery and pins for hard materials



TECHNICAL SPECIFICATIONS

Range wood	6 ... 60 % absolute moisture
Resolution	0.1 %
Accuracy	±1 % (<15 %), ±2 % (15 % ... 28 %)
Types of wood	3 groups selectable
Range b. materials	0 ... 60 % absolute moisture
Resolution	0.1 %
Accuracy	±1 % (<15 %), ±2 % (15 % ... 28 %)
Range RH / temp.	0 ... 100 % RH / -5 ... +50 °C
Resolution	0.5 % RH / 0.5 °C
Accuracy	±2 % (30 ... 80 % RH), ±3 % RH
Display / p. supply	LCD / battery
Dimens./ weight	160 x 27 x 15 mm / 100 g

INCLUDES

Moisture / temperature meter incl. 2 standard pins, battery, 2 pins for hard materials, instruction manual

ITEM NO.	ITEM
K-PCE-HGP	moisture / temperature meter

OPTIONAL ACCESSORIES

K-CAL-RF	calibration certificate
K-PCE-HGP-SN	spare pins (pack of 10)

PCE-WMH3

Wood Moisture Meter

- characteristic curves for 9 types of wood
- calibrated by factory, no need for other calibration
- no preparation needed
- automatic temperature compensation
- well readable display



TECHNICAL SPECIFICATIONS

Meas. range	6 ... 60 % absolute moisture
Resolution	0.1 %
Accuracy	±1 % (6 ... 18 %) ±2 % (18 ... 30 %) ±10 % (30 ... 60 %)
Types of wood	9 groups
Display	LCD, 3 1/2 digits
Electrodes	3.5 x 12 mm; 2.5 x 8 mm 2 x 6 mm
Power supply	12 V 23 A battery
Dimensions	210 x 120 x 60 mm
Weight	800 g

INCLUDES

Wood moisture meter, 3 x 2 drive-in electrodes, battery, instruction manual

ITEM NO.	ITEM
K-PCE-WMH-3	wood moisture meter

OPTIONAL ACCESSORIES

K-ENS-12-WMH	pins 12mm (pack of 10)
K-ENS-8-WMH	pins 8 mm (pack of 10)
K-ENS-6-WMH	pins 6 mm (pack of 10)

DampMaster

Material Moisture Meter

- for different groups of wood and building materials
- evaluation of results as wet / dry
- LC display with backlight / bar chart
- automatic / manual temperature compensation
- indication mode for reference measurements



TECHNICAL SPECIFICATIONS

Meas. range	0 ... 90 %
Resolution	0.1 %
Accuracy wood	0 ... 30 %: ± 1.0 % 30 ... 60 %: ± 2.0 % 60 ... 90 %: ± 4.0 %
Other materials	± 0.5 %
Display	LCD
Pins	integrated in case (L= 6 mm)
Power supply	3 x CR2032 batteries
Operating cond.	0 ... +40 °C / 0 ... 85 % RH
Case	plastic material
Dimensions / weight	115 x 60 x 30 mm / 169 g

INCLUDES

Material moisture meter, protective cap, battery, bag, instruction manual

ITEM NO. ITEM

K-DampMaster material moisture meter

OPTIONAL ACCESSORIES

K-MMK-E-10 pins 10 mm (pack of 6)

PCE-MMK 1

Relative Humidity and Absolute Moisture Meter

- self-diagnostic programme for moisture of wood, paper, cardboard and building materials
- display backlight switches of automatically after 10 seconds
- wet / dry indication / manual temperature compensation
- types of wood and building materials adjustable
- 3 different electrodes included
- saves maximum and minimum values



TECHNICAL SPECIFICATIONS

Meas. range	wood: 1 ... 75 % build. mat.: 0.1 ... 2.4 % temperature: -40 °C ... +70 °C air humidity 0 ... 100 %
Resolution	0.1 %
Accuracy	wood: 1 ... 30 %: ± 1 % 31 ... 60 %: ± 2 % 61 ... 75 %: ± 4 % build. mat.: ± 0.5 % temp: -40 ... -10 °C: ± 2 °C -10 ... +40 °C: ± 1 °C +40 ... +70 °C: ± 2 °C air hum.: 0 ... 20 %: ± 5 % 20 ... 80 %: ± 3.5 % 80 ... 100%: ± 5 %
Electrode length	8 mm (internal), 30 mm and 150 mm (external)
Meas. method	electrical resistance
Auto Power Off	after 3 minutes of inactivity
Case	plastic, shock-proof
Power supply	3 x CR 2032 batteries
Operating cond.	0 ... +40 °C / 0 ... 85 % RH
Dimensions	139 x 47 x 25 mm
Weight	100 g (without electrodes)



INCLUDES

Humidity / moisture meter, cap for self-diagnostic programme and external electrodes, ram-in electrode, penetration and paper electrodes, 2 x 30 mm pins, 2 x 150 mm measuring tips, 2 x 300 mm extensions, case, instruction manual

ITEM NO. ITEM

K-PCE-MMK 1 humidity / moisture meter

OPTIONAL ACCESSORIES

K-MMK-E-10 pins 10 mm (pack of 6)

Damp Meter

PCE-SMM 1

Absolute Soil Moisture Meter

- determines moisture of soil
- MIN, MAX and DATA HOLD functions
- battery level indicator
- probe length 225 mm
- case protection class IP67



TECHNICAL SPECIFICATIONS

Meas. range	0 ... 50 % (absolute moisture)
Resolution	0.1 %
Accuracy	±5 % ±5 digits
Probe length	225 mm
Protection class	IP67
Display	LCD
Functions	MIN, MAX and DATA HOLD
Power supply	4 x 1.5 V AAA batteries (incl. battery level indication)
Operating cond.	0 ... +50 °C / <80 % RH
Dimensions	175 x 40 x 40 mm
Weight	240 g

INCLUDES

Moisture meter, probe, batteries, instruction manual

ITEM NO.	ITEM
K-PCE-SMM 1	moisture meter



TDR-100

Relative and Abs. Soil Moisture Meter

- determines soil moisture in % by volume, saturation in % and calculates the water deficit in mm/m²
- 3 different moisture sensors available (depending on the measurement task and the characteristics of the soil)
- programmable via PC, software included



TECHNICAL SPECIFICATIONS

Meas. range	0 ... 100 % saturation (relative) approx. 0 ... 50 % vol (absolute)
Resolution	1 %
Accuracy	±3 vol %
Types of soil	2 selectable
Sensor length	75, 120 or 200 mm
Protection class	IP 54
Interface	RS-232
Software	included
Display	2-line LCD
Power supply	4 x 1.5 V AAA batteries
Dimensions / weight	105 x 70 x 18 mm / 700 g

INCLUDES

Moisture meter, software in English, RS-232 interface cable, instruction manual

ITEM NO.	ITEM
K-TDR-100	moisture meter (without probe)

OPTIONAL ACCESSORIES

K-TDR-S75	probes 75 mm (1 pair)
K-TDR-S120	probes 120 mm (1 pair)
K-TDR-S200	probes 200 mm (1 pair)
K-RS232-USB	RS-232 / USB adaptor

PCE-WT1N

Moisture Meter for Sawdust

- determines moisture quickly
- works on the basis of electrical resistance
- measures biomasses such as straw, hay, sawdust,...
- sample size up to 120 cm³
- quick and easy to use
- resilient design, overpressure protection



TECHNICAL SPECIFICATIONS

Meas. range	sawdust / shavings / straw / hay
	8 ... 30 % 8 ... 25 %
Resolution	0.1 %
Accuracy	±10 % of measured value
Meas. volume	120 cm ³
Sample size	max. 20 x 15 x 15 mm
Meas. pressure	approx. 0.2 MPa
Temp. compensation	digitally adjustable
Display	LCD, 3 digits
Power supply	12 V battery type A 23
Operating cond.	0 ... 50 °C
Dimesions / weight	300 x 220 x 65 mm / 990 g

INCLUDES

Sawdust moisture meter, battery, case, instruction manual

ITEM NO.	ITEM
K-PCE-WT1N	sawdust moisture meter



PCE-PEL 20

Moisture Meter for Pellets

- measurement range of 10 % ... 20 %
- resolution 0.1 %
- measurement probe 1000 mm
- easy measurement
- LC display
- powered by battery



TECHNICAL SPECIFICATIONS

Measurement range	10 ... 20 % (absolute m.)
Resolution	0.1 %
Measurement method	by resistance
Temperature compensation	manual, 0 ... +50 °C
Response time	approx. 3 seconds
Measurement probes	Ø 10 x 1000 mm, stainl. st.
Display	LCD
Power supply	12 V battery, type 23A
Battery life	approx. 10000 measurem.
Automatic Power Off	after approx. 10 min
Dimensions	carr. case Ø 80 x 1500 mm
Weight	900 g

INCLUDES

Moisture meter for pellets, battery, instruction manual, carrying case

ITEM NO. ITEM

K-PCE-PEL 20 moisture meter for pellets



PCE-W3

Moisture Meter for Waste Paper

- for use in the inspection of incoming raw materials (to avoid unnecessary extra costs for moisture)
- for waste paper, even mixed
- resilient penetration electrode
- easily readable display



TECHNICAL SPECIFICATIONS

Meas. range	6 ... 30 % (absolute moisture)
Resolution	0.1 %
Accuracy	±10 % of measured value
Electrode length	85 mm
Cable length	1 m
Type of material	waste paper, even mixed
Display	LCD, 3.5 digits
Power supply	9 V battery
Operating cond.	0 ... +50 °C
Dimensions	165 x 80 x 33 mm
	handle length = 10 cm
Weight	680 g

INCLUDES

Moisture meter, battery, case, instruction manual

ITEM NO. ITEM

K-PCE-W3 moisture meter

OPTIONAL ACCESSORIES

K-CAL-PCE-W3 ISO calibration certificate



P2 & P4

Absolute Moisture Meter for Paper

- P2: used for kraft paper, packaging paper, sack paper, cardboard and paperboard
- P4: used for all types of paper and cardboard with a high filler content
- non-destructive measurement
- sensor at the back
- Automatic Power Off after 90 seconds and when measurement range is exceeded substantially



TECHNICAL SPECIFICATIONS

Model	P2	P4
Meas. range	3 ... 10 %	3 ... 8 %
Resolution	0.1 %	0.1 %
Accuracy	±0.2 %	±0.2 %
Type of meas.	non-destructive	
Meas. depth	13 ... 18 mm	13 ... 18 mm
Min. stack thckn.	13 mm	13 mm
Display	LCD, 3 digits	
Power supply	9 V battery	
Operating cond.	+5 ... +40 °C	
Dimensions	120 x 60 x 26 mm	
Weight	200 g	

INCLUDES

Moisture meter P2 or P4, calibration standard, battery, rubber case cover, carrying case, instruction manual

ITEM NO. ITEM

K-P2 moisture meter
K-P4 moisture meter

OPTIONAL ACCESSORIES

K-10600 ISO calibration certificate

Damp Meter

PCE-WIO 1

Meter for Water Content in Silicone-, Bio-, Ester- and Other Oils

- operating pressure up to 30 MPa / temperature compensation
- protective filter for sintered metals / only 2 buttons make it easy to use
- calibration with certified testing equipment / switch output
- RS-232 interface / high media compatibility
- sensor protection class: case IP66 / connector IP67



TECHNICAL SPECIFICATIONS

Meas. range (oil)	water content: 10 ... 20000 ppm temperature: -20 ... +70 °C
Accuracy	depends on calibrated data, <±10 % of reading
Operating pressure	vacuum up to 30 MPa
Media compatibility	must be clarified for aggressive materials
Outputs	RS-232 data I/O for computer connection
Current output	4 ... 20 / switch output 24 V DC, max. 100 mA (optional)
Connectors	round connector, 7 pins, Binder 723 type
Sensor connection	5/8 - 18 UNF, SW 22
Sensor oper. cond.	-20 ... +60 °C
Sensor power supply	18 ... 28 V DC; approx 30 ... 70 mA
Sensor dimensions	115 mm / case Ø 60 mm / total length 176 mm
Installation depth	50 mm; thread 1/2 inches
Meas. interval	preset interval
Display	LCD of 2 lines and 16 dgt per line
Interface	USB 2.0
Memory	12000 measured values with time and date

Case	die cast aluminium
Protection class	IP66 / connector IP67
Power supply	4 x NiMH AA recharg. batteries
Operating conditions	-20 ... +40 °C
Dimensions	100 x 200 x 42.4 mm

INCLUDES

Water in oil meter, moisture sensor, carrying strap, sensor cable (2 m), 4 x NiMH AA rechargeable batteries, charger, USB cable (1.5 m), software, instruction manual

ITEM NO.	ITEM
K-PCE-WIO 1	water in oil meter



GMK 210

Moisture Meter for Caravans / Boats

- quickly detects the source of moisture
- 14 characteristic curves for wood and glass fibre reinforced plastics used in caravans and boats
- non-destructive measurement method
- moisture displayed in % / 2 measurement depths
- acoustic and visual evaluation of moisture



TECHNICAL SPECIFICATIONS

Measurement depth	10 mm and 25 mm
Display	char. curves, measurement value, visual evaluation of humidity on 6 levels from WET to DRY
Acoustic evaluation	signal tone
Characterist. curves	14 for wood and glass fibre reinforced plastics
Functions	BATT, Auto Power Off, HOLD
Light current	approx. 2.5 mA (Auto Power Off)
Protection class	IP65 on front side
Power supply	9 V batteries
Operating cond.	-25 ... +50 °C
Dimensions	approx. 106 x 67 x 30 mm
Weight	145 g

INCLUDES

Moisture meter for caravans and boats, 9 V battery, instruction manual

ITEM NO.	ITEM
K-GMK-210	moisture meter

OPTIONAL ACCESSORIES

K-PW 25	testing block for control
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Watchdog

Weather Station for Wind Velocity & Direction, Temp., Humidity, Precipitation, ...

- measures many parameters and calculates dew point and wind chill (can be extended to up to 6 external sensors)
- selectable sampling rate: 1, 10, 15, 30 or 60 minutes
- memory capacity for 8800 series of measurement
- non-volatile EEPROM if battery is too low
- PC interface for real-time monitoring and diagnosis
- LC display shows MIN / MAX values as well as current readings
- mast, wall and tripod can be mounted
- battery life 12 months



TOP
seller

TECHNICAL SPECIFICATIONS

Measurement range / accuracy	wind velocity: 0 ... 281 km/h, $\pm 5\%$ wind direction: 0 ... 360°, $\pm 7^\circ$; temperature: -20 ... +70 °C, $\pm 0.6^\circ\text{C}$ RH: 20 ... 100 % RH, $\pm 3\%$ RH; precipitation: 6.5 cm/measuring period, $\pm 2\%$ at <5 cm/h
Calculated values	dew point, wind chill
Memory	8800 series of measurement / RS-232 interface
Sampling rate	adjustable: 1, 10, 15, 30 or 60 min (with 30 min, you can measure for over 180 days)
External sensors	up to 6 can be connected
Plug connection	connecting terminal plate
Display	graphical LCD, 2 lines
Power supply	4 x 1.5 V AA battery
Battery life	12 months
Operating conditions	-20 ... +70 °C
Dimensions / weight	300 x 215 x 300 mm / 2900 g

INCLUDES

Weather station with 5 sensors, English manual (note: the weather station is delivered without a data cable and without software)

ITEM NO.	ITEM
K-WD-2700	weather station Watchdog

OPTIONAL ACCESSORIES

K-WD-SPEC	professional diagnostic software with RS-232 data cable
K-WD-3660-75	25 m data cable for direct connection with PC (RS-232)
K-WD-3396TP	aluminium tripod

Watchdog-Sensors

Sensoren for Different Parameters

- Soil temperature sensor
- measurement range: -30 ... +100 °C
 - accuracy: $\pm 0.6^\circ\text{C}$
 - cable: 1.8 m and 6.1 m available
- Solar radiation sensor
- measurement range: 1 ... 1250 W/m²
 - accuracy: $\pm 5\%$
 - cable: 1.8 m
- PAR sensor (photosynthetically active radiation)
- measurement range: 0 ... 2500 $\mu\text{mol}/\text{m}^2/\text{s}$
 - accuracy: $\pm 5\%$
 - cable: 1.8 m
- Soil moisture sensor
- measurement range: 0 ... 100 %
 - accuracy: $\pm 2\%$
 - cable: 1.8 m
- Air pressure sensor
- meas. range: 660 ... 810 mmHg (880 ... 1080 mbar)
 - accuracy: $\pm 1.3\text{ mmHg}$ ($\pm 1.8\text{ mbar}$)
 - cable: 30 cm
- Standard signal input cable
- input range: 0 ... 2.5 V or 4 ... 20 mA
 - length: 1.8 m

ITEM NO.	ITEM
K-WD-3667-06	soil temperature sensor, cable length 1.8 m
K-WD-3667-20	soil temperature sensor, cable length 6.1 m
K-WD-3670	radiation sensor
K-WD-3668	PAR sensor
K-WD-6450	soil moisture sensor
K-WD-3671	air pressure sensor
K-WD-3673	input cable for 0 ... 2.5 V signals
K-WD-3674	input cable for standard signals 4 ... 20 mA
K-WD-3664	extension cable 4.3 m

