

Станции погодные, барометры, манометры CARL ROTH

Технические характеристики

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Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Weather stations, barometers



Weather station analogue silver

TFA-Dostmann. Material: Stainless steel.

For inside and outside. With barometer, hygrometer and thermometer.

Technical specifications:

Art. No.	Y246.1
Type	Weather station
Temperature accuracy	±1 °C
Rel. humidity accuracy	±5% rel. hum.
Air pressure accuracy	±5-10%
Ø	160 mm
Weight	440 g

Type	Art. No.	Pack Qty.	
Weather station	Y246.1	1 unit(s)	



Wireless rain gauge Monsoon

TFA-Dostmann.

For wireless transmission of precipitation amount (up to 9999 mm) and ambient temperature (max. 30 m range in open air).

- Display of precipitation during the previous hour, 24 hours and total precipitation (since last reset), including time and date of storage
- Display of precipitation amount in a bar chart, the previous 7 days, 7 weeks or 7 months can be successively displayed
- Audible and visual alarms at onset of rainfall
- Max./min. function for indoor and outdoor temperature
- Programmable temperature alarm for interior and exterior
- Trend arrow for ambient temperature
- Self-draining rainwater tank
- Wall- or table-mountable receiver
- Transmitter dimensions: Ø 132 x H 160 mm

Technical specifications:

Art. No.	XA41.1
Deposit	0-9999 mm
Ext. temp. measuring range	-50 to +70 °C
Temperature measuring range, internal	-10 to +50 °C
W x D x H	94 x 25 x 122 mm
Power supply	Receiver: 3 x 1.5 V batteries Transmitter: 2 x 1.5 V batteries

Delivery incl. rainwater tank (transmitter) and batteries.

Type	Art. No.	Pack Qty.	
Monsoon	XA41.1	1 unit(s)	



Radio weather station METEO SENS

TFA-Dostmann.

Based on air pressure changes, the weather symbol (sun, clouds or raindrops) in conjunction with tendency arrows give a weather forecast.

- Integrated barometer for air pressure measurement
- Bar chart with the air pressure history of the last 24 hours
- Measuring outside temperature and humidity via wireless transmitter
- Can be extended to up to three wireless transmitters
- Radio clock with date
- To place

Technical specifications:

Art. No.	1AX4.1
Type	METEO SENS
Temperature measuring range, internal	0 to +50 °C
Ext. temp. measuring range	-40 to +60 °C
Rel. humidity measuring range	1 to 99 %
Resolution	0,1 °C, 1 %
Temperature accuracy	±1 °C (0 to 50 °C)
Rel. humidity accuracy	±5% (30 to 80%)
Radio range outdoors	80 m
W x D x H	157 x 43 x 117 mm
Weight	217 g
Power supply	4x AA 1.5 V batteries (2x base stations, 2x transmitters)

Delivery incl. 1 transmitter.

Without batteries, please order separately.

Type	Art. No.	Pack Qty.	
METEO SENS	1AX4.1	1 unit(s)	

Accessories transmitter for METEO SENS

TFA-Dostmann.

Delivery without batteries, please order separately.

Version	Art. No.	Pack Qty.	
Additional transmitter	1E15.1	1 unit(s)	



Air quality measuring devices



Differential pressure gauge testo 510 Pocket

Testo.

For measuring small differential pressures (e.g. testing filter permeability), measuring gas flow pressure, etc.

- With display illumination
- AUTO-OFF function to prolong battery life, can be switched off
- With temperature compensation
- Min/max function, hold function
- Magnets on the back enable hands-free working
- Tube connections for ID 4 or 6 mm

Technical specifications:

Art. No.	HY42.1
Type	testo 510
Parameters	Pressure
Air pressure measuring range	0–100 hPa
Resolution	0,01 hPa
Air pressure accuracy	±0.03 hPa (0–0.30 hPa), ±0.05 hPa (0.31–1.00 hPa), ±(0.1 hPa + 1.5% of m.v.) (1.01 to 100 hPa)
Units	hPa, mbar, Pa, mmH ₂ O, mmHg, inH ₂ O, inHg, psi
Operating temperature	0 to +50 °C
Display	Yes
Min./max. function	Yes
Weight	255 g
L x W x D	119 x 46 x 25 mm
Power supply	2x battery Micro/AAA 1.5 V

Delivery incl. silicone connector tubes (2 x 20 cm), wrist strap, belt bag, protective cover, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
testo 510	HY42.1	1 unit(s)	



Absolute pressure meter testo 511 Pocket

Testo.

- Display illumination
- AUTO-OFF function to prolong battery life, can be switched off
- With barometric height measuring
- Min/max function
- Tube connections for ID 4 or 6 mm

Technical specifications:

Art. No.	HY43.1
Type	testo 511
Parameters	Pressure
Air pressure measuring range	300–1200 hPa
Resolution	0,1 hPa
Air pressure accuracy	±3 hPa
Units	hPa, mbar, Pa, mmH ₂ O, mmHg, inH ₂ O, inHg, psi, m, ft
Operating temperature	0 to +50 °C
Display	Yes
Min./max. function	Yes
Auto Off function	Yes
Weight	225 g
L x W x D	119 x 46 x 25 mm
Power supply	2x battery Micro/AAA 1.5 V

Delivery incl. wrist strap, belt bag, protective cover, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
testo 511	HY43.1	1 unit(s)	

Air quality measuring devices



Carbon dioxide meter Air CO₂ntrol 5000

Dostmann.

For monitoring the CO₂ concentration in buildings where people are present. With data logging function.

- Large backlit display with history function
- Traffic light display: LEDs (green, yellow, red) signalise CO₂ pollution
- Additionally with acoustic alarm signal as soon as the individually set limit is exceeded
- Logger function saves data as a CSV file on a Micro SD card; evaluation via Microsoft Excel®
- For table and wall mounting

Technical specifications:

Art. No.	1EN4.1
Type	Air CO ₂ ntrol 5000
Parameters	Temperature, Humidity, Carbon dioxide
Temperature measuring range	0 to +50 °C
Carbon dioxide measuring range	0 - 5000 ppm
Rel. humidity measuring range	5 to 95 %
Resolution	0.1 °C, 1 % rel. hum., 1 ppm (0–1000 ppm) 5 ppm (1001–2000 ppm) 10 ppm (2001–5000 ppm)
Temperature accuracy	±0.5 °C
Carbon dioxide accuracy	±50 ppm or 5 %, the largest value applies (0–3000 ppm), ±7 % (from 3000 ppm)
Rel. humidity accuracy	±5 % rel. hum.
Measurement data memory	Yes
Measuring cycle	5/30/60/300/600 s
L x W x D	120 x 66 x 33 mm
Power supply	Mains-powered
Mains connection	100–240 V, 50/60 Hz
Weight	103 g

Delivery incl. micro SD card and mains adapter.

Type	Art. No.	Pack Qty.	
Air CO ₂ ntrol 5000	1EN4.1	1 unit(s)	



Carbon dioxide meter CP11

Rotronic.

Monitors CO₂ concentration, relative humidity and temperature.

- Integrated data logger and real-time clock:
18,000 values with time stamp, automatic recording (ppm, % RH, °C)
99 individual values with time stamp, manual recording (ppm, % RH, °C, DWPT, WBT)
- Audible CO₂ alarm
- Maximum, minimum and average value display
- Calculates the dewpoint (DP) and wet bulb temperature (WBT)
- Large backlit display
- Adjustable auto power off function
- Logger programming, data transfer and data display with Windows-compatible software
- Mini USB interface

Technical specifications:

Art. No.	NL25.1
Type	CP11
Parameters	Temperature, Carbon dioxide, Humidity
Temperature measuring range	-20 to +60 °C
Carbon dioxide measuring range	0–5000 ppm
Rel. humidity measuring range	0.1 to 99.95 %
Resolution	1 °C, 1 ppm, 0.01 %
Temperature accuracy	±0.3 K
Carbon dioxide accuracy	±30 ppm, plus ±5% of the value displayed
Rel. humidity accuracy	<2.5% (10–90%)
Measurement data memory	Yes
Dew point	Yes
L x W x D	234 x 77 x 42 mm
Power supply	Mains- and battery-powered using 4 x 1.5 V AA batteries
Weight	290 g

Delivery incl. SW2.1 software, mini USB data cable, storage bag and batteries. Please order power supply unit separately.

Type	Art. No.	Pack Qty.	
CP11	NL25.1	1 unit(s)	

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