

рН-метры портативные CARL ROTH pH 7 Vio, FiveGo, Seven2Go, ProfiLine, pH 3110 Basic, pH 3310 Basic

Технические характеристики

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Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47



Pocket pH meters



Portable pH meters pH 7 Vio

Dostmann.

- Large screen with simultaneous display of pH or mV value and temperature
- Automatic or manual temperature compensation
- Confirmation when a stable measured value is reached
- Automatic or manual calibration
- Can be manually calibrated with two user-defined buffer solutions
- Storage of current calibration and display of the electrode status
- Automatic switch-off after 20 min

Technical specifications:

Art. No.	HAH0.1	HAH1.1	HAH2.1
Type	pH 7 Vio, set 1	pH 7 Vio, set 2	pH 7 Vio Food, Set 3
Parameters	pH, Redox, Temperature		
pH measuring range	0 to 14		
pH resolution	0,01		
pH accuracy	±0.01		
Voltage measuring range	-1000 to +1000 mV		
Voltage resolution	1 mV		
Voltage accuracy	±1 mV		
Temperature measuring range	0 to +100 °C		
Temperature resolution	0.1 °C		
Temperature accuracy	±0.5 °C		
Temperature sensor	NTC 30 kΩ		
Calibration points	1/2/3 (pH)		
Calibration memory	Current calibration		
Connection	BNC (pH), Cinch (°C)		
L x W x H	196 x 86 x 33 mm		
Power supply	3 x 1.5 V AA batteries		

Set 1

For common aqueous samples.

201T pH single-rod measuring cell **with integrated temperature gauge**. pH range: 0 to 14. Operating temperature: 0 to +60 °C. Ceramic diaphragms, gel electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm.

Delivery incl. 201T pH single-rod measuring cell, buffer solutions (pH 4.01 and 7.00, each 75 ml), storage solution (35 ml), empty container for water, 100 ml measuring beaker, transport case and batteries.

Type	Art. No.	Pack Qty.
pH 7 Vio, set 1	HAH0.1	1 unit(s)

Set 2

For common aqueous samples.

GEL pH single-rod measuring cell **without integrated temperature gauge**. pH range: 0 to 14. Operating temperature: 0 to +60 °C. Double diaphragms, gel electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm.

Delivery incl. GEL pH single-rod measuring cell, NT55 external temperature gauge, buffer solutions (pH 4.01 and 7.00, each 75 ml), storage solution (35 ml), empty container for water, 100 ml measuring beaker, transport case and batteries.

Type	Art. No.	Pack Qty.
pH 7 Vio, set 2	HAH1.1	1 unit(s)

Food, set 3

For solid and semi-solid samples such as meat, fruit and butter.

2PoreT pH single-rod measuring cell with integrated temperature gauge. pH range: 0 to 14. Operating temperature: 0 to +60 °C. Perforated diaphragms, gel electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm.

Delivery incl. 2PoreT pH single-rod measuring cell, buffer solutions (pH 4.01 and 7.00, each 75 ml), storage solution (35 ml), empty container for water, 100 ml measuring beaker, transport case and batteries.

Type	Art. No.	Pack Qty.
pH 7 Vio Food, Set 3	HAH2.1	1 unit(s)



Portable pH meters FiveGo™

Mettler-Toledo.

- Waterproof and dust-proof
- Ergonomic design for comfortable handling
- Simple, user-friendly menu
- Automatic or manual temperature compensation
- Automatically or manually end a measurement; with acoustic and visual endpoint signal
- Automatic calibration with four predefined buffer groups
- Displays the current calibration and has data memory for 200 measurements

Technical specifications:

Art. No.	HY66.1	HY67.1	HY68.1	EEP5.1
Type	FiveGo™ F2 Basic	FiveGo™ F2-Standard	FiveGo™ F2-Field	FiveGo™ F2-Food
Parameters	pH, Redox, Temperature			
pH measuring range	0 to 14			
pH resolution	0,01			
pH accuracy	±0.01			
Voltage measuring range	-1999 to +1999 mV			
Voltage resolution	1 mV			
Voltage accuracy	±1 mV			
Temperature measuring range	0 to +100 °C			
Temperature resolution	0.1 °C			
Temperature accuracy	±0.5 °C			
Temperature sensor	NTC 30 kΩ			
Calibration points	1/2/3 (pH)			
Calibration memory	Current calibration			
Data memory	200 measured values			
ISM Technology	No			
IP rating	67			
Connection	BNC (pH), Cinch (°C)			
L x W x H	169 x 82 x 36 mm			
Power supply	4 x 1.5 V AAA batteries			

F2 Basic

Delivery incl. buffer solutions (pH 4.01, 7.00 and 9.21), electrode clip, carrying strap and batteries.

Without pH single-rod measuring cell, please order separately.

Type	Art. No.	Pack Qty.
FiveGo™ F2 Basic	HY66.1	1 unit(s)

Pocket pH meters

F2 Standard

For aqueous samples, including emulsions and suspensions.

LE438-IP67 pH single-rod measuring cell with integrated temperature gauge. pH range: 0 to 14. Operating temperature: 0 to +80 °C. Protection rating: IP67. Nylon diaphragms, gel-electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm.

Delivery incl. LE438-IP67 pH single-rod measuring cell, buffer solutions (pH 4.01, 7.00 and 9.21), electrode clip, carrying strap and batteries.

Type	Art. No.	Pack Qty.	
FiveGo™ F2-Standard	HY67.1	1 unit(s)	

F2 Field

With transport case. For aqueous samples, including emulsions and suspensions.

LE438-IP67 pH single-rod measuring cell with integrated temperature gauge. pH range: 0 to 14. Operating temperature: 0 to +80 °C. Protection rating: IP67. Nylon diaphragms, gel-electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm.

Delivery incl. LE438-IP67 pH single-rod measuring cell, buffer solutions (pH 4.01, 7.00 and 9.21), electrode clip, carrying strap, transport case and batteries.

Type	Art. No.	Pack Qty.	
FiveGo™ F2-Field	HY68.1	1 unit(s)	

F2 Food

For insertion measurements in solid and semi-solid samples such as meat, fruit, butter, yoghurt or cheese.

LE427-IP67 pH single-rod measuring cell without temperature gauge. pH range: 0 to 11. Operating temperature: 0 to +50 °C. Protection rating: IP67. Ceramic diaphragms, gel-electrolyte, glass shaft. Shaft length/Ø: 17/6 mm.

For automatic temperature compensation please order NTC 30 kΩ (Art. No. Y734.1) temperature gauge separately.

Delivery incl. LE427-IP67 pH single-rod measuring cell, buffer solutions (pH 4.01, 7.00 and 9.21), electrode clip, carrying strap and batteries.

Type	Art. No.	Pack Qty.	
FiveGo™ F2-Food	EEP5.1	1 unit(s)	



Portable pH meters Seven2Go™

Mettler-Toledo.

Rugged pH meter designed to withstand the harshest environments. Water- and dust-proof, with impact protection.

- Automatic and manual temperature compensation
- Automatic, manual and timer-controlled endpoint determination
- Can be calibrated with user-defined buffer groups
- User-defined intermittent measurement possible (max. operating time 1 h)
- Intelligent Sensor Management (ISM®) for automatic recognition of ISM® sensors and reading in calibration data

InLab® ExpertGo-ISM® pH single-rod measuring cell with integrated temperature gauge for aqueous samples, including emulsions, suspensions and solutions with proteins. pH range: 0 to 14. Operating temperature: 0 to +100 °C. Protection rating: IP67. Perforated diaphragms, polymer-electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm

Technical specifications:

Art. No.	CAL2.1	CAL3.1
Type	pH S2 – standard kit	Seven2Go™ pro pH/Ion S8 – Standard kit
Parameters	pH, Redox, Temperature	
pH measuring range	-2 to +20	
pH resolution	0,01	0,001
pH accuracy	±0.01	±0.002
Voltage measuring range	-1999 to +1999 mV	-2000 to +2000 mV
Voltage resolution	1 mV	0,1 mV
Voltage accuracy	±1 mV	±0,1 mV
Temperature measuring range	-5 to +105 °C	-5 to +130 °C
Temperature resolution	0.1 °C	
Temperature accuracy	±0.5 °C	±0.2 (0 to +105 °C), ±0.5 °C (outside)
Temperature sensor	NTC 30 kΩ	
Calibration points	1/2/3/4/5 (pH)	
Calibration memory	Current calibration	Current calibration (incl. date and time)
Data memory	200 measured values	2000 datasets
Port		Micro USB (for PC)
ISM Technology	Yes	
IP rating	67	
Connection	BNC (pH), Cinch (°C)	
L x W x H	220 x 70 x 35 mm	
Power supply	4 x 1.5 V AA batteries	

pH/mV S2 – standard kit

Delivery incl. InLab® ExpertGo-ISM® pH single-rod measuring cell, buffer solutions (4.01, 7.00 and 9.21, each 2 x 30 ml), electrode clip and batteries.

Type	Version	Art. No.	Pack Qty.	
pH S2 – standard kit	with ISM	CAL2.1	1 unit(s)	



Pocket pH meters

Pro pH/Ion S8 – standard kit

- Menu structure with full-text display in 12 languages
- Graphical LCD display
- Memory capacity for 2000 datasets incl. date and time (GLP-compliant)
- Data readout via Micro USB port

Delivery incl. InLab® ExpertGo-ISM® pH single-rod measuring cell, buffer solutions (4.01, 7.00 and 9.21, each 2 x 30 ml), electrode clip, software, data cable and batteries.

Type	Version	Art. No.	Pack Qty.	
Seven2Go™ pro pH/Ion S8 – Standard kit	with ISM	CAL3.1	1 unit(s)	



Portable pH meters ProfiLine

WTW.

Measuring device in a professional case with integrated measuring space and separate pockets for accessories.

- Dust- and waterproof
- Large, clear display
- Integrated calibration timer

Technical specifications:

Art. No.	KT20.1	KT21.1	KT25.1	KT26.1
Type	pH 3110 Basic	pH 3110 set 1	pH 3310 Basic	pH 3310 set 2
Parameters	pH, Redox, Temperature			
pH measuring range	-2 to +19			
pH resolution	0,001			
pH accuracy	±0.005			
Voltage measuring range	-2000 to +2000 mV			
Voltage resolution	1 mV			
Voltage accuracy	±1 mV			
Temperature measuring range	-5 to +105 °C			
Temperature resolution	0.1 °C			
Temperature accuracy	±0.1 °C			
Temperature sensor	NTC 30 kΩ, Pt 1000			
Calibration points	1/2/3 (pH)		1/2/3/4/5 (pH)	
Calibration memory	Current calibration		Five calibrations	
Data memory			Manual, 200 data sets, Time-delayed, 5000 data sets	
Port	without		Mini USB	
IP rating	67			
Connection	DIN 19262 (pH), Banana, 2 x 4 mm (°C)			
L x W x H	180 x 80 x 55 mm			
Power supply	4 x 1.5 V AA batteries			

pH 3110 Basic

Easy to use and robust measuring device for routine measurements on the go.

Clear keyboard and automatic AutoRead function for reproducible measured values.

Delivery incl. buffer solutions (pH 4 and 7, each 50 ml), professional case, tripod, beaker and batteries.

Without pH single-rod measuring cell, please order separately.

Type	Art. No.	Pack Qty.	
pH 3110 Basic	KT20.1	1 unit(s)	

pH 3110 set 1

Easy to use and robust measuring device for routine measurements on the go.

Clear keyboard and automatic AutoRead function for reproducible measured values.

SenTix® 41 pH single-rod measuring cell with integrated temperature gauge. pH range: 0 to 14. Operating temperature: 0 to +80 °C. Fibre diaphragms, gel electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm.

Delivery incl. Sentix® 41 pH single-rod measuring cell, buffer solutions (pH 4 and 7, 50 ml of each), professional case, tripod, beaker and batteries.

Type	Art. No.	Pack Qty.	
pH 3110 set 1	KT21.1	1 unit(s)	

pH 3310 Basic

Professional measuring device with built-in data logging function (GLP-compliant) and mini-USB port.

Interval measurements possible, optimum utilisation of the measuring range thanks to the CMC function.

Delivery incl. buffer solutions (pH 4 and 7, each 50 ml), professional case, tripod, beaker and batteries.

Without pH single-rod measuring cell, please order separately.

Type	Art. No.	Pack Qty.	
pH 3310 Basic	KT25.1	1 unit(s)	

pH 3310 set 2

Professional measuring device with built-in data logging function (GLP-compliant) and mini-USB port.

Interval measurements possible, optimum utilisation of the measuring range thanks to the CMC function.

SenTix® 41 pH single-rod measuring cell with integrated temperature gauge. pH range: 0 to 14. Operating temperature: 0 to +80 °C. Fibre diaphragms, gel electrolyte, plastic shaft. Shaft length/Ø: 120/12 mm.

Delivery incl. Sentix® 41 pH single-rod measuring cell, buffer solutions (pH 4 and 7, 50 ml of each), driver software for USB, USB cable (length 1 m), professional case, tripod, beaker and batteries.

Type	Art. No.	Pack Qty.	
pH 3310 set 2	KT26.1	1 unit(s)	

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