

Laboratory pH Meters, METTLER TOLEDO

FiveEasy™ pH Meter

The device can be used for different applications in many areas, such as in food and beverage industry, in water or environment analysis.

The price-performance ratio and a compact design with need for little space characterise these devices.

Technical data:

pH-range:	0.00 to 14.00, resolution: 0.01 pH
mV-range:	-1999 to 1999, resolution: 1 mV
Temperature range °C:	0.0 to 100.0, resolution: 0.1°C
Calibration:	max. 2 points, 3 pre-defined buffer groups
Display:	LCD
Power supply:	ext. power adapter (standard)

Article	Order No.
FiveEasy FE20-Basic	10 50 02910
FiveEasy™ measurement device, user manual, short guide, power adapter	
① FiveEasy FE20-Kit	10 50 02911
same as FE20-Basic, plus pH-electrode LE409, electrode arm, 2 buffer bags pH 4.01 and 7.00	
FiveEasy pH FE20 ATC Kit	10 50 02916
same as FE20-Kit, but with electrode LE438 incl. temperature sensor	

SevenEasy™ pH Meter

This easy-to-operate pH-measurement device meets all of your requirements to routine measurements. With the automatic temperature compensation (ATC), end-point determination and the buffer recognition, this device complies with all typical requirements.

Technical data:

pH-range:	0.001 bis 14.000, resolution: 0.001 pH
mV-range:	-1999 to 1999, resolution: 1 mV
Temperature range °C:	-5.0 to 105.0, resolution: 0.1°C
Calibration settings:	4 fixed buffer groups, 1 user-defined buffer group
Display:	Large and clear LCD-Display („All at one glance“)
Power supply:	power (9V, DC) or 4 AA-batteries (not incl.)
Sensor input:	BNC, Cinch/RCA (NTC 30 KOhm)
Interface:	RS232 (connector to printer or PC)

Article	Order No.
SevenEasy pH S20	61 50 02803
SevenEasy™ pH, device incl. electrode holder, user manual, conformity declaration and test certificate	
② SevenEasy pH S20-K	10 50 02804
Kit-version (as S20, including electrode InLab®Expert Pro and buffer bag)	
SevenEasy pH S20-KS	61 50 02863
Kit-version (as S20, including InLab®Routine Pro and buffer bag)	

③ Multi parameter measuring device SevenMulti

Modular, sophisticated professional system for measuring pH value, redox potential, conductivity/salinity/TDS and ion concentration. Allows for fitting with any type of measuring modules. Can be retrofitted with 1 or 2 measuring modules (exception: 2 x conductivity).

SevenMulti basic unit:

- Backlit multi-function display
- Plain text user menu with Help menu, 7 languages
- Extensive GLP support (password protection, ID management, alarms, expert and user modes, etc.)
- Data logger (1000 data records per module)
- RS232 interface, optional USB/TTL interface
- Stirrer, autom. sample changer, barcode reader can be connected
- Method memory

Technical data:

pH-measuring range:	-2.000 to 19.999, resolution 0.001
Ion concentration:	in %, ppm, mg/l, mmol/l 1.00×10^{-9} bis $9.99 \times 10^{+9}$, resolution ± 1 Digit
mV-measuring range:	-1999 to 1999 mV, resolution 0.1
Temperature measuring range:	-5.0 to 130.0°C, resolution 0.1°C
Conductivity:	0.01 μ S/cm to 1000 mS/cm
TDS:	0.1 mg/l to 2000g/l
Special inhibitors:	0.00 to 200 MOhm $\times$ cm
Salinity:	0.00 to 80.00 ppt



Measuring module pH:

- 1- to 9-point calibration with automatic buffer recognition
- 8 predefined buffer records, 1 buffer record freely definable
- Automatic temperature compensation with NTC 30kOhm or PT1000 sensors
- Electrode test

Measuring module conductivity:

- Automatic recognition of calibration status
- Selectable reference temperature (20 or 25°C)
- Linear, non-linear temperature compensation or usp/EP mode

Measuring module ion concentration / pH:

- Like pH measuring module plus:
- Storage of calibration data for up to 10 sensors
- Direct measurement, standard or sample addition/subtraction

Measuring module ISFET (for connection of ISFET sensor Inlab490):

- Like pH measuring module



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Article	Order No.
SevenMulti pH S40	61 50 02807
incl. pH-module, electrode arm, protective cover, certificate, universal power supply	
SevenMulti pH S40-K	10 50 02808
as S40 plus electrode InLab®Expert Pro, 6 bags of calibration buffer	
SevenMulti pH S40-KS	61 50 02864
as S40 plus glass electrode InLab®Routine Pro, 6 bags of calibration buffer	
SevenMulti cond. S70	10 50 02809
incl. conductivity module, electrode arm, protective cover, certificate, universal power supply	
SevenMulti pH S70-K, Kit	10 50 02810
as S70 plus electrode InLab®731, 4 bags of calibration standard	
SevenMulti pH/cond. S47 (2 channel)	10 50 02813
incl. pH module, conductivity module, electrode arm, protective cover, certificate, universal power supply	
④ SevenMulti pH/cond. S47-K (2 channel)	10 50 02814
as S47 plus electrode InLab®Expert Pro, InLab®731, 8 bags of calibration buffer/standard	
SevenMulti pH/cond. S47-KS	10 50 02865
as S47-K but with pH glass electrode InLab®Routine Pro	
SevenMulti pH/cond. S47-usp/EP	10 50 02869
as S47-K, but with pH glass electrode InLab®Pure Pro and conductivity electrode InLab®741 for low conductive fluids	
pH meter SevenMulti pH/ion conc. S50	10 50 02867
incl. ion module, electrode arm, protective cover, certificate, power supply	
pH meter SevenMulti pH/ion conc. S50-K	10 50 02868
as S50 plus pH electrode InLab®Expert Pro, 6 bags of calibration buffer	
SevenMulti pH/ion conc. S80 (2 channel)	10 50 02811
incl. 2 pieces of ion module, electrode arm, protective cover, certificate, power supply	
pH meter SevenMulti pH/ion conc. S80-K	10 50 02812
as S80 plus pH electrode InLab®Expert Pro, 6 bags of calibration buffer	

Accessories

Article	Order No.
measuring module pH	10 50 02821
for expansion/addition of SevenMulti	
measuring module conductivity	10 50 02822
for expansion/addition of SevenMulti	
measuring module ion/pH	10 50 02823
for expansion/addition of SevenMulti	
measuring module ISFET	10 50 02824
for expansion/addition of SevenMulti	
TTL communication module	10 50 02825
USB Module	10 50 02826
(Interface extension)	
LabX direct pH	10 50 02876
Data transfer software	
Electrode arm for MultiSeven and MultiEasy	61 50 02820
(for screw mounting or freestanding)	
Protective cover for SevenMulti	10 50 02819
⑤ Printer RS-P26 for all Seven devices	10 50 04303
Printer RS-P25 only for use with SevenMulti	10 50 04300
Paper roll, PU with 5 pcs.	10 50 02456
Paper roll, adhesive, PU with 3 pcs.	10 50 00388
Ribbon cartridge, black, PU with 3 pcs.	10 50 02457

Further accessories on request!

