

1 Multi-Parameter meter Eutech™ PCTestr 35

Versatile multi-parameter meter for measuring pH, conductivity and temperature. Waterproof, with user-replaceable sensor. Suitable for general and industrial purposes, e.g. in the chemical industry and food processing, pools, aquariums and cooling towers.

- Multi-sensor for pH, conductivity and temperature
- Simply toggle the parameters
- Up to 5 calibration points for pH and 3 calibration points for conductivity
- Water- and dustproof housing
- Big LCD Display
- Auto-Off

Thermo Scientific

1



Specifications

pH range:	0.0 ... 14.0
Resolution:	0.1 pH
Accuracy:	0.1 pH
mV range:	0 ... 1999 µS/cm/2.00 ... 20.00 mS/cm
Resolution:	1 µS/cm/0.01 mS/cm
Accuracy:	±1 % (full scale)
Temperature range:	0 ... 50 °C
Resolution:	0.1 °C
Accuracy:	0.5 °C
Protection class:	IP 67
Power supply:	4 x 1.5 V A76 batteries

Type	PK	Cat. No.
PCTestr 35	1	6.258 988

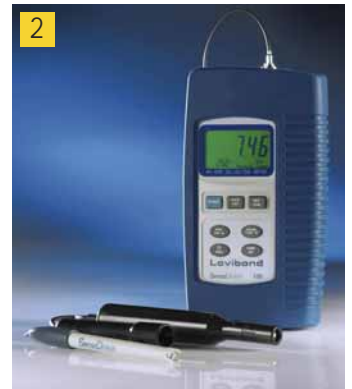
2 Multiparameter meters SensoDirect 150

The SD 150 Multi-Parameter handheld instrument is ideal for the sequential determination of pH, Redox/ORP, conductivity, TDS and dissolved oxygen and combines the applications of several instruments in one portable device.

- Large, easy to read LCD display with contrast adjustment
- Automatic recognition of standard solutions
- Automatic temperature compensation
- Real time data logger

Lovibond®

2



Scope of supply: Instrument, batteries, protective armoring, electrode holder, pH electrode type 226, temperature sensor Pt1000, pH buffer, manual

SensoDirect 150 (Set 1) pH/Con/TDS/Oxi/Temp. additionally: Conductivity cell, oxygen sensor, electrolyte, membrane heads

SensoDirect 150 (Set 2) pH/Con/TDS /Temp. additionally: Conductivity cell

SensoDirect 150 (Set 3) pH/Oxi/Temp. additionally: Oxygen sensor, electrolyte, membrane heads

SensoDirect 150 (Set 4) pH/Redox/Temp. additionally: Redox electrode

Specifications

pH:	0 ... 14 pH
ORP:	-1999 ... 1999 mV
Conductivity:	0 ... 200.0 mS/cm
TDS:	0 ... 132000 ppm
Temperature:	0 ... 60 °C
Oxygen:	0 ... 20.0 mg/l
Interface:	USB, RS 232
Dimensions (W x D x H):	76 x 203 x 38 mm
Weight:	320 g
Power supply:	DC 1.5V battery (UM3, AA) x 4 PCs or DC 9V Adapter
IP code:	IP 51

Type	PK	Cat. No.
SensoDirect 150 (Set 1) pH/Con/Oxi	1	6.241 474
SensoDirect 150 (Set 2) pH/Con	1	6.241 983
SensoDirect 150 (Set 3) pH/Oxi	1	6.256 805
SensoDirect 150 (Set 4) pH/Redox	1	9.699 295

Multiparameter measurement/Devices

1 Multiparameter meters SD 335



Lovibond®

Depending on the set, the portable multi-parameter measuring device is ideally suited for the precise determination of pH, redox, temperature, conductivity/TDS/salinity as well as saturation and concentration of dissolved oxygen.

- Intuitive user interface thanks to graphical LCD display
- Simultaneous determination of up to three parameters due to galvanic isolation
- Selection between multi-parameter display or single value display
- Setting of alarm limits for parameter monitoring
- Micro-USB connection for software-free data transmission and power supply
- Data logger records measurement data incl. time stamp and measuring point ID in a fixed time interval or manually at the push of a button
- Automatic recognition of standard solutions
- Evaluation of the sensor quality after calibration
- Rechargeable NiMH batteries

Scope of supply: Meter, protective armouring, electrode holder for 2 electrodes, pH/temp. electrode type 231, pH buffer (4.01/7.00/10.01), storage solution for pH/ORP electrodes, 3 x AAA-NiMH rechargeable batteries, user manual

SD 335 Multi (Set 1) pH/Con/Temp. additionally: Conductivity electrode LC 12 (< 200 mS/cm), conductivity solution 1413 µS/cm (NIST)

SD 335 Multi (Set 2): pH/DO/Temp. additionally: Galvanic oxygen sensor (2 m cable), refill electrolyte, membrane heads, calibration bottle with sponge

SD 335 Multi (Set 3): pH/Con/DO/Temp. additionally: Conductivity electrode LC 12 (< 200 mS/cm), conductivity solution 1413 µS/cm (NIST), galvanic oxygen sensor (2 m cable), refill electrolyte, membrane heads, calibration bottle with sponge

Specifications

pH:	-2.00 ... 16.00 pH
mV:	-2000 ... 2000 mV
Conductivity:	0.000 ... 500 mS/cm
TDS:	0.000 ... 500 g/l
Salinity:	0.0 ... 70.0 PSU
O ₂ -concentration:	0.00 ... 50.00 mg/l
O ₂ -saturation:	0.0 ... 500.0 %
Temperature:	-10.0 ... 110.0 °C
Data logger:	8 GB
Interface:	Micro-USB
Dimensions (W x D x H):	100 x 164 x 37 mm
Weight:	310 g
Power supply:	3 x AAA NiMH rechargeable batteries, Micro-USB
IP code:	IP 67

Type	PK	Cat. No.
SD 335 Multi (Set 1) pH / Con / Temp.	1	4.678 204
SD 335 Multi (Set 2) pH / DO / Temp.	1	4.678 205
SD 335 Multi (Set 3) pH / Con / DO / Temp.	1	4.678 206

1



New logo - new name:
Aqualytic® becomes Lovibond®!



1 Multi parameter HandyLab 680

SI Analytics

The HandyLab 680 increases the measuring accuracy via:

- IDS technology. The digitalization of the measuring signal eliminates interferences.
- AutoRead function. Autoread provides a stable, precise measuring value.
- CMC (Continuous Measurement Control) visualizes whether the measuring value is within the calibration range.
- QSC (Quality Sensor Control) informs about the actual condition of the electrode and therefore increases operation safety.

The HandyLab 680 increases the operator comfort via:

- IDS Technology. The secure allocation of the calibration data to the sensor eliminates any uncertainty about the date and results of its last calibration. This saves time and money while assuring the highest confidence in your measurements.
- Traceability of the measuring values by the digital and automatic capture of all sensor data.
- User administration can be activated to allow tiered access and capabilities ensuring security and confidence of your data.
- Transmission of all data in *.csv format via USB interface to the PC or the USB memory stick, or, as an alternative, formatted transfer to Excel by means of MultiLabImporter (included in the delivery).

Supplied with:

HL680pH/CondVersat: pH/Cond meter Set HandyLab 680 with conductivity electrode LF413T IDS, pHTElectrode A7780 IDS, case Z530 and protective armouring Z389 for general applications

HL680pH/Cond/OxVer: pH/Cond/OX meter Set HandyLab 680 with oxygen electrode FDO1100 IDS, conductivity electrode LF413T IDS, pHTElectrode A7780 IDS, case Z530 and protective armouring Z389 for general applications

Specifications

pH

Measuring range: 0.000 ... 14.000pH

Resolution: ±0.001pH

Accuracy: ±0.004pH

mV

Measuring range: ±1200.0 mV

Resolution: ±0.1mV

Accuracy: ±0.2mV

Temperature

Measuring range: -5.0 ... +105.0°C

Resolution: ±0.1°C

Accuracy: ±0.2°C

Conductivity

Measuring range: 0.00 ... 2000mS/cm

Resolution: ±0.1mS/cm, ±0.01µS/cm, ±0.001µS/cm

Accuracy: ±0.5% of mean value

Specific resistance: 0.00 Ωcm ... 100 MΩcm ±0.5% of mean value

Salinity: 0.0 ... 70.0 (acc. to IOT)

TDS: 0 ... 1999 mg/l, 0 ... 199.9g/l ±0.5% of mean value

Oxygen measurement

DO concentration: 0.00 ... 20.00mg/l ±0.5% of mean value

DO saturation: 0.0 ... 200.0 % ±0.5% of mean value

DO partial pressure: 0 ... 400 hPa ±0.5% of mean value

Type	PK	Cat. No.
HL680pH/CondVersat	1	6.265 601
HL680pH/Cond/OxVer	1	6.265 299

1



Multiparameter measurement/Devices

1



1 Multiparameter meters ProfiLine pH/Cond 3320

WTW®

The pH/Cond 3320 has a robust, waterproof housing (IP67) and is equipped with a memory as well as a data logger with an adjustable interval between 1 s and 60 min. All entries contain GLP-supporting data, like the date, time and ID number. The modern, waterproof USB interface is used for easy and quick data transfers. Applications: Process chemistry, Life Science, food and beverage industry, pharmaceutical industry (measurement of pH and conductivity according to pharmacopeia).

- Two inputs for the simultaneous measurement of pH/mV/ISE/redox potential and conductivity
- Backlit graphic display for the parallel display of the measured values
- Perfect for monitoring process applications
- Waterproof USB interface

Scope of delivery pH/Cond 3320 Set 2: Professional pH and redox meter for mobile measurements. Meter in transport case with SenTix® 41, TetraCon® 325, buffer solution STP 4 and STP 7, conductivity standard 0.01 mol/l KCl, manual, stand, beaker, CD-ROM, driver software for USB, batteries, cable.

Specifications

Measuring range/Resolution

pH:	-2.000 ... 19.999 ±0.005 pH
mV:	-2500 ... +2500 ±1 mV
ISE (mg/l, µmol/l, mg/kg, ppm, %):	0.000 ... 999999
Conductivity:	0.000 µS/cm ... 1000 mS/cm
Salinity:	0.0 ... 70.0
TDS:	0 mg ... 199.9 g/l
Temp.:	-5.0 ... 105.0 °C ±0.1 °C
Memory:	manually 200/5000 automatically
Power supply:	4 x 1.5 V AA or 4 x 1.2 V NiMH battery
IP code:	IP 67

Type	Description	PK	Cat. No.
pH/Cond 3320	only device	1	6.264 057
pH/Cond 3320 Set 2	with SenTix® 41, TetraCon® 325 and accessories	1	6.262 509

2



2 Multiparameter meter ProfiLine Multi 3320

WTW®

The Multi 3320 for the measurement of pH, ORP, conductivity and dissolved oxygen (electro-chemical) is an ideal meter for environmental applications in the areas of ground and surface water measurement, in aquatic cultures as well as in wastewater treatment plants and much more. The Multi 3320 has a robust waterproof housing (IP 67) and memory with data logger with adjustable interval between 1 s and 60 min. The keypad can also be operated when wearing gloves and is easy to clean under a water jet.

- Two inputs for simultaneous measurement of pH and conductivity or pH and dissolved oxygen
- Backlit graphic display for parallel output of measured values
- All conventional WTW pH electrodes, combined ISE electrodes, conductivity measuring cells and galvanic oxygen sensors can be connected to the meter.
- Waterproof USB interface

Scope of delivery Multi 3320 Set 1: Professional pH and conductivity meter for mobile measurements. Meter in field case with SenTix® 41, CellOx® 325, TetraCon® 325, sensor accessories, manual, stand, beaker, CD-ROM, driver software for USB, batteries, cable.

Specifications

Measuring range/Resolution

pH:	-2.000 ... 19.999 ±0.005 pH
mV:	-2500 ... +2500 ±1 mV
ISE (mg/l, µmol/l, mg/kg, ppm, %):	0.000 ... 999999
O ₂ concentration:	0.00 ... 20.00 mg/l or 0.0 ... 90.0 mg/l*
O ₂ saturation:	0.00 ... 200.0 % or 0.0 ... 600 %*
O ₂ partial pressure:	0.0 ... 200.0 hPa, 0 ... 1250 hPa*
Conductivity:	0.000 µS/cm ... 1000 mS/cm
Salinity:	0.0 ... 70.0
TDS:	0 mg ... 199.9 g/l
Temp.:	-5.0 ... 105.0 °C ±0.1 °C
Memory:	manually 200/5000 automatically
Power supply:	4 x 1.5 V AA or 4 x 1.2 V NiMH battery
IP rating:	IP 67

Type	Description	PK	Cat. No.
Multi 3320 Set 1	with SenTix® 41, TetraCon® 325, CellOx® 325 and accessories	1	7.660 051

*depending on oxygen sensor and measuring media

The inoLab® series from WTW

The inoLab® benchtops are perfectly designed for modern laboratory surroundings. The key pads are clearly outlined and easy-to-operate, their smooth surfaces are easy-to-clean and the operation is self-explanatory. All meters include a universal power supply and a convenient stand with sensor support. If desired they can be ordered in application oriented sets including sensors and accessories.

Laboratory instruments inoLab® Multi 9620 IDS/ 9630 IDS

Securely traceable with the cutting edge inoLab® Multi 9630 IDS and inoLab® Multi 9620 IDS.

WTW®

- Secure measurement data
- Digital sensor recognition
- Complete documentation
- Wireless ready

High-tech made by WTW for challenging applications. Two digital inoLab® multi parameter instruments for IDS sensors for simultaneous measurement of equal or different parameters and sensors. Two (inoLab® Multi 9620 IDS) or three sensors (inoLab Multi 9630 IDS) could be connected either by cable or via wireless modules. A large color graphic display protected by a glass plate supports the representation of readings and information, The anti-bacterial keypad minimizes the danger of microbiological contaminations. The robust lower case made of zinc diecast provides proper stand and perfect shielding against interferences. A high quality stand for alternative left or right mounting allows easy adaptation to the requirements at the working place.

Secure measurements

- Digital data transfer eliminates interferences, provide secure calibration data and makes documentation of sensor data easy.
- The smart sensor rating (QSC) gives information about the true condition of an IDS pH electrode and increases safety of operation
- The CMC function for pH visualizes the optimum measuring range and supports correct measurements.
- Visual display for the channel in order to provide correct allocation of channel and sensor.

Documentation according GLP/AQA

- Automatic digital recording of all sensor data for distinct documentation
- Optional user administration for clear allocation of user and measurement results and assigning different access levels
- Transfer of data as *.csv format via USB to PC, if desired transfer direct to Excel (MultiLab Importer, part of scope of delivery or as download from internet)
- Additional transfer to USB memory drive or selected printer

Compatible to conventional pH measurement

- pH module (accessory) capable of being integrated for pH, ISE and ORP electrodes with DIN or BNC plug and 4 mm banana plug. For temperature sensor.

IDS WLM Kit. For wireless measurement of pH/ORP, conductivity, dissolved oxygen, or turbidity. Consisting of a wireless module for sensor and meter, USB charger and universal USB power supply.

Specifications

Measuring channels

inoLab® Multi 9620 IDS: 2

inoLab® Multi 9630 IDS: 3

Display: Color graphic, glass plate protected

Memory: manual: 500/automatic: 10000

Logger: manual/time controlled

Interface: USB-A, Mini USB-B

Power supply: Universal power supply, 100 to 240 V, 50/60 Hz

1



6.283 614

2



6.285 517

3



6.283 612

Type	Description	PK	Cat. No.
Multi 9620 IDS	Single instrument	1	6.283 614 1
Multi 9620 Set C	With SenTix® 980, TetraCon® 925	1	7.644 960
Multi 9630 IDS	Single instrument	1	6.285 517 2
Multi 9630 Set K	With SenTix® 980, TetraCon® 925	1	6.285 439
IDS WLM KIT	Accessory Kit for wireless equipment	1	6.283 612 3

Separate IDS electrodes available on request.

1

MultiLine®



2



1 2 Multiparameter meters

Selected IDS-Sensors:

SenTix® 940: Low maintenance combined pH electrode with ATC, QSC suitable, memory for 10 calibrations, stored serial number, pH 0.000 to 14.000 ($\pm 0.004\text{pH}$), temperature range 0.0 to 80.0°C, $\pm 0.2^\circ\text{C}$. Also available with plug head for cable or wireless modules.

SensoLyt® 900: Low maintenance polymer electrolyte pH electrode with built-in temperature sensor, pressure resistant up to 10 bar, QSC suitable, memory for 10 calibrations, saved serial number, pH 2.000 to 12.000 ($\pm 0.004\text{pH}$), temperature range from 0.0 to 60.0°C, $\pm 0.2^\circ\text{C}$. Only available with plug head for cable, MPP or wireless modules.

SenTix® 950: Combined pH-electrode with plastic shaft, 3 mol/l KCl, ATC, QSC-suitable, memory for 10 calibrations, stored serial number, pH 0.000 to 14.000 ($\pm 0.004\text{pH}$), temperature range 0.0 to 80.0°C, $\pm 0.2^\circ\text{C}$. Also available with plug head for cable or wireless modules.

SenTix® 980: Combined pH-electrode with plastic shaft, 3 mol/l KCl, ATC, platinum wire junction, QSC-suitable, memory for 10 calibrations, stored serial number, pH 0.000 to 14.000 ($\pm 0.004\text{pH}$), temperature range 0.0 to 100.0°C, $\pm 0.2^\circ\text{C}$. Also available with plug head for cable or wireless modules.

TetraCon® 925: Robust, general purpose 4-electrode conductivity cell with graphite electrodes incorporating integral temperature sensor. Memory for 10 calibrations, stored serial number, measuring range 10 $\mu\text{S}/\text{cm}$ to 2000 mS/cm $\pm 0.5\%$ of value, 0.0 to 100.0°C, $\pm 0.2^\circ\text{C}$. Also available with plug head for cable or wireless modules.

LR 925/01: 2-electrode stainless steel conductivity cell for low conductivities, integrated temperature sensor, flow through vessel, memory for 10 calibrations, stored serial number, measuring range 0.01 $\mu\text{S}/\text{cm}$ to 200 $\mu\text{S}/\text{cm}$ $\pm 0.5\%$ of value, 0.0 to 100.0°C, $\pm 0.2^\circ\text{C}$. Also available with plug head for cable or wireless modules.

FDO® 925: Extremely fast (T99 < 60 s) and precise optical DO sensor for field and laboratory applications. Handy, suits in different BOD bottles. Waterproof for depth measurement to 100m. Bevelled, air bubble repelling membrane, Green light technology for extended operation time. Insensitive against H_2S . O_2 concentration: 0.00 to 20.00mg/l, O_2 saturation: 0.0 to 200.0% O_2 partial pressure: 0.0 to 400hPa. Accuracy: $\pm 0.5\%$ of value. Also available with plug head for cable or wireless modules.

The information for meter precision refers to the sensors' built-in, electronic, measuring technology.

Multiparameter meters MultiLine® IDS

Professional digital multiparameter meters for mobile measurement, with 3, 2 or 1 universal measurement channels, wireless preparation, colour graphic display (black/white display for Multi 3510), data logger manually or automatically (timed) and 2 (1 for Multi 3510) waterproof USB interfaces suitable for field use. Easy to clean with a soft brush under water jet.

WTW®

Multi 3630: The Multi 3630 IDS with three universal measurement channels is suitable for all WTW IDS pH, ORP, dissolved oxygen sensors, conductivity cells and turbidity sensors, whether connected to cable or wireless. Documentation of meter and sensor data. User control over MultiLab® users. With USB-A and Mini USB-B interface and colour display.

Multi 3620: The Multi 3620 IDS with two universal measurement channels is suitable for all WTW IDS pH, ORP, dissolved oxygen sensors, conductivity cells and turbidity sensors, whether connected to a cable or wireless. Documentation of meter and sensor data. User control over MultiLab® users. With USB-A and Mini USB-B interface and colour display.

Multi 3510: Sequential multi-parameter measurement. All WTW IDS pH, ORP, dissolved oxygen sensors, conductivity cells and turbidity sensors can be connected to the universal channel, either with cable or wireless module. Data transfer to PC with MultiLab® Importer. With Mini USB-B interface and black/white display.

Specifications

Measuring range:

Memory Multi 3510 IDS:

Memory Multi 3630 IDS/Multi 3620 IDS:

Dimensions (W x D x H):

Weight:

Power supply Multi 3510 IDS:

Power supply Multi 3630 IDS/Multi 3620 IDS:

IP code:

depending on IDS sensor

manual: 500 data records

automatic: 4500 data records

manual: 500 data records

automatic: 10.000 data records

approx. 180 x 80 x 55 mm

400 g

4 alkaline batteries, USB

PSU with charging function,

4 NiMH batteries (AA type), USB

IP 67

1 Multiparameter meters MultiLine® 3630 IDS

Multi 3630 IDS: Single meter in a carrying case, buffers 4 and 7, 3 mol/l KCl, conductivity standard, batteries, cables, power supply, arming SM Pro WTW®

Multi 3630 IDS SET F: Single meter in a field case with IDS sensors (digital pH sensor SenTix® 940, digital conductivity cell TetraCon® 925, optical sensor FDO® 925), QSC Kit, stand, beaker, buffers 4 and 7, conductivity standard, batteries, cables, power supply, arming SM Pro

Multi 3630 SET G: Meter in a large carrying case with IDS sensors (digital pH sensor SenTix® 940-3, optical sensor FDO® 925-3, digital conductivity cell TetraCon® 925-3), QSC Kit, buffers 4 and 7, conductivity standard, stand, beaker, CD-ROM, batteries, cables, power supply, arming SM Pro

Multi 3630 SET KS2: Single meter in a carrying case, with QSC Kit, buffers 4 and 7, conductivity standard, stand, beaker, CD-ROM, batteries, cables, power supply, arming SM Pro

Type	Description	PK	Cat. No.
Multi 3630	3 channels, meter only	1	6.283 309
Multi 3630 SET F	3 channels, with SenTix® 940, TetraCon® 925, FDO® 925	1	6.282 980
Multi 3630 SET G	3 channels, SenTix® 940-3, FDO® 925-3, TetraCon® 925-3	1	6.283 709
Multi 3630 SET KS2	3 channels, meter only, armor SM Pro	1	6.283 615

2 Multiparameter meters MultiLine® 3620 IDS

Multi 3620 IDS: Single meter in a carrying case with Quick Start Guide, CD-ROM and batteries, driver software for USB, cable, power supply WTW®

Multi 3620 IDS SET C: Meter in a carrying case with IDS sensors (digital pH sensor SenTix® 940, digital conductivity cell TetraCon® 925), QSC Kit, buffer 4 and 7, conductivity standard, stand, beaker, CD-ROM, batteries, cables, power supply, arming SM Pro

Multi 3620 IDS SET G: Meter in a large carrying case with IDS sensors (digital pH sensor SenTix® 940-3, optical sensor FDO® 925-3, digital conductivity cell TetraCon® 925-3), QSC Kit, stand, beaker buffer 4 and 7, conductivity standard, CD-ROM, batteries, cable, power supply, arming SM Pro

Type	Description	PK	Cat. No.
Multi 3620	2 channels, meter only	1	6.282 919
Multi 3620 SET C	2 channels, with SenTix® 940, TetraCon® 925	1	6.270 419
Multi 3620 SET G	2 channels, with SenTix® 940, FDO® 925-3, TetraCon® 925-3	1	6.283 708

3 Multiparameter meters MultiLine® 3510 IDS

Multi 3510 IDS: Single meter in a carrying case with buffer 4, 7, KCl 3 mol/l, conductivity standard, batteries, USB cable WTW®

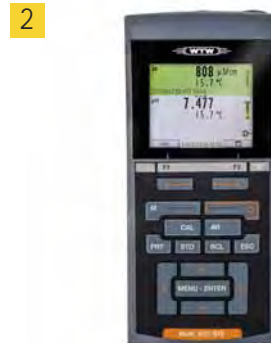
Multi 3510 SET 1: Meter in a carrying case with pH electrode SenTix® 940, buffer 4, 7, KCl 3 mol/l, conductivity standard, batteries, USB cable

Multi 3510 SET 3: Meter in a carrying case with conductivity sensor TetraCon® 925, conductivity standard, batteries, USB cable

Multi 3510 IDS SET 4: Meter in a carrying case with optical sensor FDO® 925, batteries, USB cable

Multi 3510 SET KS1: Single meter in a carrying case with buffer 4, 7, KCl 3 mol/l, conductivity standard, batteries, USB cable, arming SM Pro

Type	Description	PK	Cat. No.
Multi 3510	1 channel, meter only	1	6.282 979
Multi 3510 SET U	1 channel, meter only, armor SM Pro	1	6.283 706
Multi 3510 SET 1	1 channel, SenTix® 940	1	6.282 978
Multi 3510 SET 3	1 channel, TetraCon® 925	1	6.283 710
Multi 3510 SET 4	1 channel, with FDO® 925	1	6.270 393



We can supply this
manufacturer's
whole
product range !



3. Analytical measurement and testing

Multiparameter measurement/Devices

1



6.283 612

Wireless module MultiLine® IDS WLM-S

Wireless measurement of pH/Redox, conductivity, dissolved oxygen and turbidity. WTW®

- Bluetooth® LE
- Universal plug head
- Opening for electrolyte solution refilling (only pH electrodes with liquid electrolyte)
- Signal LED (RGB)

Suitable for IDS portable meters MultiLine® Multi 3630 IDS/3620 IDS/3510 IDS, as well as for IDS laboratory meters inoLab® Multi 9630 IDS/9620 IDS/9310 IDS.

Specifications

Range:	About 10 m
Continuous operating times	
IDS pH/ORP electrodes:	60 h
IDS Conductivity cells:	30 h (conductivity up to 1 S)
IDS Oxygen sensor:	9 h
IDS Turbidity sensor:	5 h
Protection class:	IP43
Power supply:	Re-chargeable LiPo battery 230mAh

Type	Description	PK	Cat. No.
Wireless module IDS WLM-S	for plug head sensor	1	6.283 617
Wireless module IDS WLM KIT	incl. USB-Charger, USB-Power supply	1	6.283 612 1
WLM-Charger	USB-Charger, cascadable	1	6.283 618

2



2 Laboratory instrument inoLab® Multi 9310 IDS

Intelligent, digital IDS sensors promotes the inoLab® Multi 9310 IDS to a perfect all-rounder. The universal digital input is ready for all available laboratory IDS sensors. WTW®

No matter whether pH, conductivity or dissolved oxygen, when plugged into a suitable sensor the inoLab® Multi 9310 becomes either a pH, conductivity or dissolved oxygen meter. An integrated thermal printer (58mm width) is ready for printout of the measured data (option). Includes meter, power supply, stand and USB cable. The inoLab® Multi 9310 IDS is wireless ready.

Specifications

Display:	backlit graphic LCD
Memory:	manual: 500/automatic: 5000
Logger:	manual/time controlled
Interface:	Mini USB-B
Power supply:	Universal power supply, 100 to 240 V, 50/60 Hz

Type	Description	PK	Cat. No.
Multi 9310	Single instrument	1	9.920 120
Multi 9310 Set 1	Incl. SenTix® 940	1	9.920 121
Multi 9310 Set 2	Incl. SenTix® 980	1	9.920 122
Multi 9310 Set 3	Incl. TetraCon®925	1	9.920 123
Multi 9310 Set 4	Incl. FDO® 925	1	9.920 124
Multi 9310 Set C	Incl. SenTix® 940, TetraCon® 925	1	9.920 125
Multi 9310P*	Single instrument	1	9.920 127

*Meter with integrated printer



pH/conductivity meters SevenCompact™ Duo S213

Compact, universal dual-channel meter for measuring pH and conductivity as well as resistivity, salinity and TDS.

Mettler-Toledo Online

- Suitable for digital and analogue sensors
- Quick and easy calibration with up to 5 calibration points
- Automatic temperature compensation
- Memory for 2000 values
- Large TFT colour display
- Robust construction
- Intuitive, simple operation

Scope of supply:

S213 Meter: Device incl. electrode holder, power adapter, protective cover, operating instructions, declaration of conformity and calibration certificate

S213 Standard kit: Same as S213 meter, additionally with InLab® Expert Pro-ISM pH sensor and InLab® 731 ISM conductivity sensor, 2 bags each of buffer pH 4.01, 7.00, 9.21, and 10.01, 2 bags each of conductivity standards 1413 µS/cm and 12.88 mS/cm

S213 Water Kit: Same as S213 meter, additionally with InLab® Pure Pro ISM pH sensor and InLab® 741 ISM conductivity sensor, 2 bags each of buffer pH 4.01, 7.00, 9.21 and 10.01, 2 each of conductivity standard 1413 µS/cm

Specifications

Specifications	Measuring range // Resolution // Accuracy
Temperature range:	-5/-30.0 ... 130 °C // 0.1 °C // ±0.1 °C
pH:	0 ... 14 // 0.001/0.01/0.1 // ±0.002
mV:	-2000 ... 2000 mV // 0.1/1 // ±0.1 mV (-1000 ... 1000); ±0.2 mV (>1000 mV)
Conductivity:	0.001 µS/cm ... 1000 mS/cm // 0.001 ... 1 // ±0.5 %
Resistivity:	0.00 ... 100.0 MΩ x cm // 0.00 ... 1.0 // ±0.5 %
Salinity:	0.00 ... 80.00 psu/ppt // 0.00 ... 1.0 // ±0.5 %
TDS:	0.00 mg/l ... 1000 g/l // 0.01 ... 1 // ±0.5 %
Outputs:	RS232, USB-A/-B
Dimensions (W x D x H):	204 x 174 x 74 mm
Weight:	890 g
IP code:	IP 54



6.284 460



6.284 461



6.284 462

Type	PK	Cat. No.
SevenCompact™ Duo S213-Meter	1	6.284 460 1
SevenCompact™ Duo S213-Standard Kit	1	6.284 461 2
SevenCompact™ Duo S213-Water Kit	1	6.284 462 3

4 pH/mV, Conductivity, Oxygen meter, SevenExcellence™ S479

Triple channel instrument with pH/mV, conductivity and DO/BOD expansion units.

Mettler-Toledo Online

S479-Kit: Includes instrument, pH/mV, conductivity and DO/BOD expansion units, uPlace™ electrode holder, semi-transparent cover, operating instructions, installation and quick guide, LabX® direct pH PC software, declaration of conformity and test certificate. Included kit sensors: InLab® Expert Pro-ISM, InLab® 731-ISM and InLab® OptiOx™.

Type	PK	Cat. No.
S479-Kit	1	6.284 512



5 pH/Ion, Conductivity, Oxygen meter, SevenExcellence™ S975-uMix

Triple channel instrument with pH/Ion, DO/BOD and conductivity expansion units

Mettler-Toledo Online

S975-uMix (kit): Includes instrument, pH/Ion, DO/BOD and conductivity expansion units, uPlace™ electrode holder, semi-transparent cover, operating instructions, installation and quick guide, LabX® direct pH PC software, declaration of conformity and test certificate. Also includes the uMix™ magnetic stirrer. Kit includes the following sensors: InLab® Expert Pro-ISM, InLab® 731-ISM and InLab® OptiOx.

Type	PK	Cat. No.
S975-uMix	1	6.282 736

