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6.280 119

Dissolved oxygen meter FiveGo™ F4

Mettler-Toledo Online

Portable dissolved oxygen meter for field work.

- Measurement made easy: A large, well-structured display, intuitive button arrangement and simple menu ensure measurements can be performed in just a few clicks.
- Ergonomic design for one handed operation: Thanks to its ergonomic design, handling the FiveGo is a comfortable experience. The foldable stand provides optimal viewing on flat surfaces.

F4-Meter: Meter only

F4-Standard kit: Meter with LE621 sensor

F4-Field kit: Meter with LE621 sensor and carrying case

Specifications

Measuring range (O ₂ Saturation):	0.1 ... 400 %
Resolution:	0.1 %
Accuracy:	±1 %
Measuring range (Temperature):	0 ... 50 °C
Resolution:	0.1 °C
Accuracy:	±0.3 °C
Measuring range (O ₂ concentration):	0.01 ... 45.00 mg/l (ppm)
Resolution:	0.01 mg/l
Accuracy:	±1 %
Temperature compensation:	ATC and MTC
Calibration:	2 points, 100 % and 0 %
Memory size:	200 measurements, current calibration
Dimensions (W x D x H):	188 x 77 x 33 mm
IP code:	IP 67 (meter + sensor)

Type	PK	Cat. No.
F4-Meter	1	6.280 118
F4-Standard kit	1	6.280 119 1
F4-Field kit	1	6.280 120

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Oxygen meter SD 315 Oxi

NEW

Lovibond®

The portable hand-held measuring instrument SD 315 Oxi meets the daily requirements for a robust and reliable instrument for the determination of dissolved oxygen in aqueous media. The Clark oxygen sensor with integrated temperature probe enables immediate measurements without time-consuming run-in time (polarisation time).

- Simple calibration against air or according to DIN EN ISO 5814
- Alarm function with adjustable limits
- Automatic pressure and temperature compensation
- Auto Hold Function
- Automatic switch-off individually selectable from 1 to 120 min
- Backlit LCD display
- Sensor status display in % after each calibration
- Salinity correction
- Parameter: dissolved oxygen (O₂), O₂ concentration in mg/l, O₂ saturation in %, temperature in °C/°F
- Battery status indicator
- Flexible stand at the rear allows the unit to be set up or fastened to a belt.
- Data transfer and evaluation via software possible

Scope of supply: Instrument, protective covering, electrode holder, carrying case, galvanic oxygen sensor, KOH refill electrolyte, spare membrane, calibration bottle with sponge, batteries, manual

Specifications

O ₂ concentration:	0.0 ... 70.0 mg/l
O ₂ saturation:	0.0 ... 600.0 %
Temperature:	0.0 ... 50.0 °C
Memory:	10000 data sets automatically 1000 data sets manually
Dimensions (W x D x H):	164 x 100 x 37 mm
Weight:	302 g
Power supply:	2 x AAA
IP code:	IP 67

Type	Cable length m	PK	Cat. No.
SD 315 Oxi (Set 1)	2.0	1	4.678 221
SD 315 Oxi (Set 2)	10.0	1	4.678 222

1 Portable dissolved oxygen meter Oxi 3205

Robust and easy to use dissolved oxygen meter for standard alkaline, or rechargeable, batteries. Menu-controlled with backlit graphics display for ease of use under all lighting conditions. Suitable for use in harsh environments.

WTW®



Warning

H phrases: H315|H319

Measuring ranges:

- O₂ concentration: 0.00 to 20.0mg/l (19.9mg/l*)
0.0 to 90.0mg/l (90mg/l*)
- O₂ saturation: 0.0 to 200.0% (200%*)
0 to 600%
- Temperature: 0.0 to +50°C, ±0.1°C
* when using DurOx oxygen sensor probes

Accuracy:

- O₂ concentration: ±0.5% of reading
- O₂ saturation: ±0.5% of reading

Type	Description	PK	Cat. No.
Oxi 3205	meter only	1	9.774 378
Oxi 3205 Set 1	case set including DO sensor CellOx 325 and accessories	1	9.774 340

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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.

2 Oxygen meter inoLab® Oxi 7310

Reliable Documentation for dissolved oxygen measurement, if desired also available with built-in printer. This is the inoLab® Oxi 7310 or inoLab® Oxi 7310P. A modern backlit graphic display with menu controlled user interface allows easy and intuitive operation.

WTW®

The mini USB-B interface provides fast data transfer to a PC. The internal memory can record up to 5000 GLP complying data including ID, date and time. The housing and the keypad are easy-to-clean. The inoLab® Oxi 7310 supports the long proven WTW galvanic sensors, CellOx® 325 and StirrOx® G. A calibration history of the 10 last calibrations allows conclusions on the state of the sensor. Calibrations versus external standards e.g. Winkler titration, are possible, too. The meter includes automatic barometric pressure and temperature compensation. An integrated thermal printer (58 mm width) is ready for printout of the measured data (option). The scope of delivery includes meter, stand, power supply and USB cable.

Specifications

- Ranges: All values ±1 digit
- Dissolved oxygen concentration: 0.00 ... 20.00 mg/l ±0.5 % of measured value
0 ... 90 mg/L ±0.5 %
- Saturation: 0.0 ... 200.0 % ±0.5 % of measured value
0 ... 600 % ±0.5 % of measured value
- Partial pressure: 0 ... 200.0 hPa, 0 ... 1250 hPa
- Temperature: -5.0 ... 105.0 °C ±0.1 °C
- Calibration: 1-point air calibration (water vapour saturated air) or versus external standard
- Calibration memory: Up to 10 calibrations recallable
- Display: Backlit graphic LCD
- Memory: manual 5/5000 automatic
- Logger: manual/time controlled
- Interface: Mini USB-B
- Power supply: Universal power supply, 100 to 240 V, 50/60 Hz, 4 x 1.5 V AA

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Type	Description	PK	Cat. No.
Oxi 7310	Meter only including accessories	1	9.920 108
Oxi 7310 Set 1	Meter including CellOx® 325 and accessories	1	9.920 109
Oxi 7310 Set 4	Meter including StirrOx® G and accessories	1	9.920 110
Oxi 7310P	Meter including integrated printer	1	9.920 111



1 2 Portable dissolved oxygen meter Oxi 3310

Comfortable and versatile DO meter with integral, time controlled, data logger and memory for 5000 GLP compliant records for extended data collection. Menu controlled, with backlit graphics display for comfortable and safe operation. Calibration against external standards possible. Automatic temperature, barometric pressure and salinity compensation. 100 % waterproof, USB interface for fast data transfer. Includes driver software and cable. WTW®



Warning

H phrases: H315|H319



Measuring ranges:

O₂ concentration: 0.00 to 19.99mg/l (19.9mg/l*)
 0.0 to 90.0mg/l (90mg/l*)
 O₂ saturation: 0.0 to 199.9% (199%*)
 0 to 600%
 Temperature: -5.0 to +50.0°C
 * when using DurOx oxygen sensor probes

Accuracy:

O₂ concentration: ±0.5% of reading
 O₂ saturation: ±0.5% of reading
 Memory: 5000 records (measured value, temperature, date, time, ID)

Type	Description	PK	Cat. No.
Oxi 3310	meter only	1	9.774 338
Oxi 3310 Set 1	cased set including DO sensor CellOx 325 and accessories	1	9.774 339

Thermal printer P 3001 for WTW® instruments with serial interface

WTW® devices with serial interface can be directly connected to a PC and therefore use the PC printer. WTW®

Description	PK	Cat. No.
Thermal printer P 3001	1	7.510 044
Printer paper RP 3001	1	7.089 804



3 Galvanic Dissolved Oxygen Sensor CellOx® 325

Membrane covered galvanic dissolved oxygen for measurement of water and aqueous solutions. Low maintenance and without polarization time. The CellOx® 325 is a dissolved oxygen sensor with built-in temperature compensation by a NTC 30 kOhm sensor and membrane leakage monitoring for field and laboratory applications. It has a fast response (t₉₉<60 s) and a low-maintenance operation. The application ranges from surface water, waste water treatment, BOD measurement to industrial and special applications. An electrolyte filling is sufficient for up to 6 months service life. The calibration vessel is included in the delivery. For Oxi 3xx, Oxi 3xxi, ProfiLine Oxi 197, ProfiLine Oxi 197i, ProfiLine Multi 197i, Multi 340i, Oxi 3205, Oxi 3210, Oxi 3310, ProfiLine Oxi 1970i, ProfiLine Multi 1970i, inoLab®. WTW®



Warning

H phrases: H315|H319

Specifications

Temperature range: 0 to 50 °C
 DO-concentration: 0 to 50 mg/l
 DO-saturation: 0 to 600 %
 Partial pressure: 0 to 1250 hPa
 Shaft length/diam.: 145 mm/15.3 mm
 Plug: 8 pole plug, waterproof

Type	Cable m	PK	Cat. No.
CellOx® 325	1.5	1	9.822 551
CellOx® 325-3	3	1	7.008 258

Accessories for Oxygen Sensor CellOx® 325



Warning

H phrases: H315|H319

Type	Description	PK	Cat. No.
ZBK 325	Replacement and maintenance agent for dissolved oxygen sensor CellOx®325 und TA 197 Oxi	1	7.008 272

1 Oxygen sensor StirrOx® G

For inoLab® Oxi 730, ProfiLine 197i/1970i, inoLab® 740 Oxi, inolab Oxi 7310
Self-stirring oxygen sensor.
- single-handed use
- high reproducibility
- ready for immediate use, no polarisation period necessary
- extremely low internal consumption of oxygen by the electrode
- no zero point calibration necessary
- OxiCal®-SL calibration and storage vessel included
- 6 months operation with one electrolyte filling
- IMT function compensation
- membrane leakage monitoring, damaged membranes are indicated.
Supplied with case, spare parts and maintenance solutions.

WTW®



Type	PK	Cat. No.
StirrOx® G	1	9.822 560
Accessories kit with replacement and maintenance equipment	1	7.008 273

2 Oxygen sensor DurOx® 325

For use with Oxi 3xxi, ProfiLine Oxi 1970i, ProfiLine 3205, 3210, 3310.
Membrane-covered oxygen sensor with low flow requirement and removable cage guard, for field applications (fish farm revival pools) and for educational purposes.

WTW®



- ready to measure - no polarisation time
- IMT compensation via two integral temperature sensors
- service life with one electrolyte filling approx. 6 months
- minimal flow requirement
- no zero current
- sensor is watertight (IP 68 - 2)
- standard with 3m cable and watertight plug
- standard with calibration/storage vessel OxiCal® -D
- standard with cage guard SK-D

Warning

H phrases: H315|H319

Type	PK	Cat. No.
DurOx® 325	1	9.920 045

Optical D.O. Sensor FDO® 925

Optical IDS D.O. sensor for portable MultiLine® IDS and InoLab® Multi IDS benchtop meters. Measures the dissolved oxygen according DIN ISO 17289:2014-12. For applications in the lab and in process, outdoor and waste water treatment plants. Low maintenance (t99 < 60 s). No oxygen consumption, with inclined membrane for avoiding air bubbles. Factory calibrated membrane with smart chip. Built-in NTC 30 kOhm temperature sensor.

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Specifications

Temperature range:	0 ... 50.0 °C ±0.2 °C
DO concentration:	0.00 ... 20.00 mg/l ±0.5 % of value
DO saturation:	0.0 ... 200.0 % ±0.5 % of value
Partial pressure:	0.0 ... 400 hPa ±0.5 % of value
Shaft length/diam.:	150 mm/15.3 mm

Type	Description	PK	Cat. No.
FDO® 925	1.5 m fix cable	1	6.238 174
FDO® 925-3	3 m fix cable	1	6.239 577
SC-FDO® 925	Changing cap	1	6.242 048
FDO® 925-P	Plug head, AS/IDS cable or wireless module necessary	1	6.259 423

Accessories for Oxi

Suitable for all laboratory and field electrodes except StirrOx® G.

WTW®

Type	Description	PK	Cat. No.
WP3-ST	Replacement membrane heads for StirrOx® G	3	9.822 594
WP 90/3	Replacement membrane heads for all dissolved oxygen sensors, except StirrOx®G, DurOx®325	3	9.822 595

BOD (Karlsruher) bottles - please see page 1259.



1 Oxygen sensor InLab® 605/InLab® 605-ISM

Sensor for polarographic oxygen measurement with high accuracy and repeatability. For use in laboratory, field and industry. Robust construction. Diaphragm mechanically protected by steel mesh, shaft made of glass-fibre reinforced PPS. With integrated temperature sensor.

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- The InLab® oxygen sensors are designed for use with the SevenExcellence™ multi-channel tabletop meter and the portable SevenGo™ 6 meters.

- InLab®-ISM oxygen sensors are equipped with Intelligent Sensor Management, which enables simple calibration in the air and permanent monitoring of the sensor status.

Designed for use with the SevenExcellence™ multi-channel tabletop meter and the portable SevenGo™ 68 dual-channel instruments.

Specifications

Sensor type:	Polarographic sensor
Measuring range oxygen:	0 ... 200 %/0 ... 20 mg/l
Measuring range temperature:	0... 60 °C
Connections:	BNC (IP 67)/Cinch (RCA)
Shaft diameter:	12 mm
Shaft length:	120 mm

Type	Cable m	PK	Cat. No.
InLab® 605	5	1	6.239 016
InLab® 605	10	1	9.041 601
InLab® 605-ISM	2	1	9.041 583
InLab® 605-ISM	5	1	9.041 584
InLab® 605-ISM	10	1	9.041 585



2 Electrolyte solution for dissolved oxygen electrodes

WTW®

Type	Capacity ml	PK	Cat. No.
ELY/G	50	1	9.822 553
ELY/A	50	1	9.822 604

