

# Счетчики кислородные CARL ROTH

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# Oxygen meters



## Oxygen meter OXY 7

Dostmann.

For determining dissolved oxygen in liquids. Large LCD display which simultaneously displays the measured value and temperature.

- Automatic calibration with display of the calibrated ranges
- Confirmation when a stable measured value is reached
- Automatic and manual temperature compensation
- Automatic compressed air compensation
- Manual salinity compensation of 0 to 50 ppt
- Auto Off after 20 minutes

### Technical specifications:

| Art. No.                                     | HPK6.1                                                          |
|----------------------------------------------|-----------------------------------------------------------------|
| Type                                         | OXY 7                                                           |
| Parameters                                   | Oxygen                                                          |
| O <sub>2</sub> concentration measuring range | 0 to 50 mg/l                                                    |
| O <sub>2</sub> saturation concentration      | ±0.30 mg/l (0.00 to 19.99 mg/l), ±0.75 mg/l (20.0 to 50.0 mg/l) |
| O <sub>2</sub> saturation measuring range    | 0 to 400%                                                       |
| O <sub>2</sub> saturation accuracy           | ±20% (0.0 to 199.9%), ±40% (200 to 400%)                        |
| O <sub>2</sub> resolution                    | Automatic                                                       |
| Partial pressure measuring range             | 0 to 1100 mbar                                                  |
| Partial pressure resolution                  | 1 mbar                                                          |
| Partial pressure accuracy                    | ±0.55 mbar                                                      |
| Temperature measuring range                  | 0 to +60 °C                                                     |
| Temperature resolution                       | 0.1 °C                                                          |
| Temperature accuracy                         | ±0.5 °C                                                         |
| W x D x H                                    | 86 x 33 x 196 mm                                                |
| Power supply                                 | 3x battery Mignon/AA 1.5 V                                      |

**Delivery incl.** polarographic oxygen sensor OXY DO7 with integrated temperature sensor, electrolyte solution (30 ml), standard zero calibration solution (30 ml), replaceable membrane, storage case and batteries.

| Type  | Art. No. | Pack Qty. |  |
|-------|----------|-----------|--|
| OXY 7 | HPK6.1   | 1 unit(s) |  |



## Oxygen meter ProfiLine Oxi 3310

WTW.

Robust and waterproof portable meter.

- Integrated data logger
- Installed air pressure compensation sensor
- Backlit graphics display
- With calibration memory – five calibrations can be retrieved

### Technical specifications:

| Art. No.                                     | KT29.1                                                                                             |
|----------------------------------------------|----------------------------------------------------------------------------------------------------|
| Type                                         | Oxi 3310                                                                                           |
| Parameters                                   | Oxygen                                                                                             |
| O <sub>2</sub> concentration measuring range | 0.01 to 90.9 mg/l                                                                                  |
| O <sub>2</sub> saturation concentration      | ±0.5 % of the measured value                                                                       |
| O <sub>2</sub> saturation measuring range    | 0.1 to 600 %                                                                                       |
| O <sub>2</sub> saturation accuracy           | ±0.5 % of the measured value                                                                       |
| O <sub>2</sub> resolution                    | 0.01 mg/l (0.01 to 19.9 mg/l), 0.1 mg/l (0 to 90.9 mg/l), 0.1 % (0.1 to 199.9 %), 1 % (0 to 600 %) |
| Partial pressure measuring range             | 0.1 to 1250 hPa                                                                                    |
| Partial pressure resolution                  | 0.1 hPa (0.1 to 199.9 hPa), 1 hPa (0 to 1250 hPa)                                                  |
| Partial pressure accuracy                    | ±0.5 % of the measured value                                                                       |
| Temperature measuring range                  | -5 to +50 °C                                                                                       |
| Temperature resolution                       | 0.1 °C                                                                                             |
| Temperature accuracy                         | ±0.1 °C                                                                                            |
| Data memory                                  | 200 datasets can be entered manually, 5000 datasets can be entered at a scheduled time             |
| Port                                         | Mini USB                                                                                           |
| W x D x H                                    | 80 x 55 x 180 mm                                                                                   |
| Power supply                                 | 4x battery Mignon/AA 1.5 V                                                                         |

**Delivery incl.** CellOx® 325 galvanic oxygen sensor with 1.5 m fixed cable, professional case with integrated measuring station, cleaning and electrolyte solution, three replaceable membrane caps, stand, beaker, software, USB cable and batteries.

| Type     | Art. No. | Pack Qty. |  |
|----------|----------|-----------|--|
| Oxi 3310 | KT29.1   | 1 unit(s) |  |

# Oxygen meters

## Accessories for Oxi 3310 set

WTW.

### CellOx® 325 oxygen sensor

With 1.5 m fixed cable.

**Delivery incl.** 30 ml cleaning solution, 50 ml electrolyte solution, abrasive film and 3 replaceable membrane caps.

| Art. No. | Pack Qty. |  |
|----------|-----------|--|
| 1L2P.1   | 1 unit(s) |  |

### Cleaning and electrolyte solution

30 ml cleaning solution and 50 ml electrolyte solution.

 **Warning** H290-H315-H319

**Delivery incl.** abrasive film and 3 replaceable membrane caps.

| Art. No. | Pack Qty. |  |
|----------|-----------|--|
| 1L2T.1   | 1 unit(s) |  |



## Combi tester PC 5

Dostmann.

For measuring pH, conductivity, TDS, salinity and temperature.

- Large LCD display
- Waterproof and dust-proof
- Automatic temperature compensation/correction
- Confirmation when a stable measured value is reached
- Automatic calibration with display of the calibrated ranges
- Multicolour back lighting for status display of measurement mode, calibration and alarm

### Technical specifications:

| Art. No.                     | HPK4.1                                                                                     |
|------------------------------|--------------------------------------------------------------------------------------------|
| Type                         | PC 5                                                                                       |
| Parameters                   | pH,<br>Conductivity,<br>Salinity,<br>TDS,<br>Temperature                                   |
| pH measuring range           | -2 to +16                                                                                  |
| pH resolution                | 0,01 pH                                                                                    |
| pH accuracy                  | ±0.01 pH                                                                                   |
| Voltage measuring range      | -1000 to +1000 mV                                                                          |
| Voltage resolution           | 0,1 mV, 1 mV                                                                               |
| Voltage accuracy             | ±1 mV                                                                                      |
| Conductivity measuring range | 0 µS/cm to 20 mS/cm                                                                        |
| Conductivity resolution      | automatic (0.1 µS/cm – 0.1 mS/cm)                                                          |
| Conductivity accuracy        | ±2 µS/cm (0 to 199.9 µS/cm), ±20 µS/cm (200 to 1999 µS/cm), ±0.2 mS/cm (2.0 to 20.0 mS/cm) |
| Reference temperature        | +20 / +25 °C                                                                               |
| TDS measuring range          | 0 to 10 ppt                                                                                |
| TDS resolution               | automatic (0.1 ppm – 0.01 ppt)                                                             |
| TDS accuracy                 | ±2 ppm (0.1 to 199.9 ppm), ±20 ppm (200 to 1999 ppm), ±0.1 ppt (2.00 to 10.00 ppt)         |
| Salinity measuring range     | 0 mg/l to 10 g/l                                                                           |
| Salinity resolution          | automatic (0.1 mg/l – 0.01 g/l)                                                            |
| Salinity accuracy            | ±2 mg/l (0.1 to 199.9 mg/l), ±20 mg/l (200 to 1999 mg/l), ±0.1 g/l (2.00 to 10.00 g/l)     |
| Temperature measuring range  | 0 to +50 °C                                                                                |
| Temperature resolution       | 0.1 °C                                                                                     |
| Temperature accuracy         | ±0.2 °C                                                                                    |
| Calibration points           | 1/2/3 (pH/EC)                                                                              |
| IP rating                    | 67                                                                                         |
| Ø x L                        | 35 x 175 mm                                                                                |
| Weight                       | 130 g                                                                                      |
| Power supply                 | 2x battery Micro/AAA 1.5 V                                                                 |

**Delivery incl.** buffer solutions (pH 4.01/7.00; EC 1413 µS/cm), storage solution, two measuring beakers, storage case and batteries.

| Type | Art. No. | Pack Qty. |  |
|------|----------|-----------|--|
| PC 5 | HPK4.1   | 1 unit(s) |  |

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