



*Ergonomic and robust instrument, IP67 waterproof; resistant to harsh working conditions.*  
OXI 45+ features easy operation, high quality and excellent price.

*OXI 45+ has a large LCD display with icons and backlighting, with easy to read characters.*  
The display automatically illuminates when the measurement is complete, making it easy to work in dark places.

*Two measuring modes: in continuous or by stability. Calibration in 1 or 2 points: 0% and 100% of saturation.*  
The sensor ensures fast and reliable responses and possesses a rugged membrane re-forced with stainless steel mesh.

*CRISON offers highly specialized and professional technical support.*  
The instruments have a 5 year guarantee and the support of fast after-sales service.

Authorised CRISON dealer:

## Specifications

### Measurement range

Saturation: 0.0 to 199.9% and 200 to 250% (25 °C)  
 Concentration: 0.00 to 19.99 mg/l and 20.0 to 22.0 mg/l (25 °C)

### Reproducibility ( $\pm 1$ digit)

Dissolved Oxygen:  $\leq 0.2$  of measured value  
 Temperature:  $\leq 0.1$  °C ( $\leq 0.1$  °F)

### Measurement error ( $\pm 1$ digit)

Dissolved Oxygen:  $\leq 0.5$  of measured value  
 Temperature:  $\leq 0.2$  °C ( $\leq 0.4$  °F)

### Temperature

0.0 to 50.0 °C (0 to 122 °F)

### Temperature compensation

Automatic, with built-in NTC sensor.

### Correction of salinity and atmospheric pressure

Automatic, with manual data entry

### Calibration

1 or 2 points. 0% and 100% of saturation.  
 Manual calibration.

### Measuring mode

By stability and continuous mode.

### Connector

MP-5, 5 contacts multipin.

### Display

Liquid crystal, backlit, with pictograms.

### Keypad

Membrane, 6 keys

### Ambient conditions

Operating temperature: 0 °C to 50 °C  
 Storage temperature: -15 °C to 65 °C  
 80% relative humidity (non-condensing)

### Directives low voltage and EMC

According to CE, UNE-EN 61010-1 and UNE-EN 61326-1.

### Energy management

Automatic power off after 5 minutes of inactivity (this option can be disabled by the user).

### Power supply

3 x 1.5V, type AA batteries. Autonomy of over 500 hours

### Enclosure

Material ABS. Degree of protection IP 67.

### Physical parameters

Weight 300 g. Size 186 x 73 x 38 mm.



Specifications subject to change without notice.

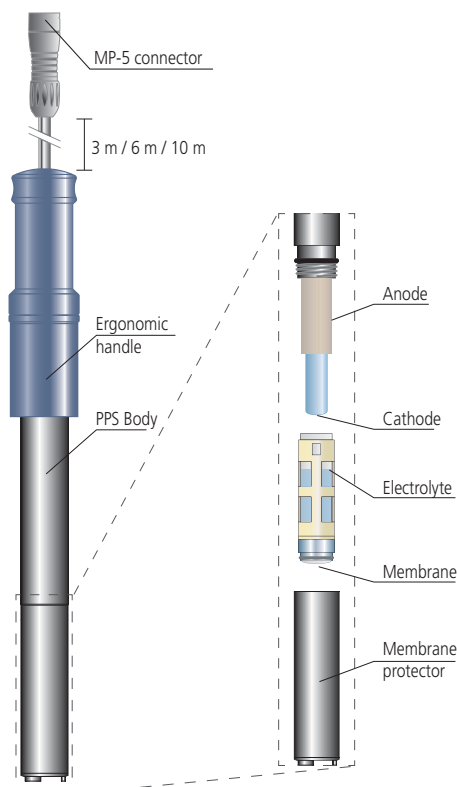
## D.O. electrode 51 20

51 20, is a **polarographic** electrode designed for the simultaneous measurement of Dissolved Oxygen and Temperature.

51 20 uses highly resistant membranes, both mechanically and chemically. These membranes can be rapidly replaced when deteriorated.

The calibration tube (100%) screws directly on handle.

Code	51 20
Measuring range	0.3% - saturation / 0.03 mg/l - saturation
Working temperature	0 ... 60 °C
Maximum pressure	2 bar
Minimum flow	0.3 ml/s
Time constant t98	< 90 s
Body material	PPS (polyphenylene sulfide)
Membrane material	Silicone, stainless steel and PTFE
Working electrode	Platinum cathode
Count electrode	Silver anode
Temperature sensor	NTC 22 K $\Omega$



## How to order

Code	Description	Included accessories
45 02	Oxygen meter OXI 45+, with accessories, without electrode.	<ul style="list-style-type: none"> <li>Carrying case.</li> <li>Electrolyte for sensor.</li> <li>Spare part membrane.</li> <li>Calibration tube.</li> <li>Flasks for sample and sensor cleaning.</li> <li>User manual.</li> </ul>
45 51	Complete Kit: OXI 45+, with accessories and electrode 51 20.	