



## Dissolved oxygen meter SevenExcellence S900 / S600

Mettler-Toledo Online

### Dissolved oxygen meter SevenExcellence S900 / S600

The model S900 offers a bench-top solution with OptiOxä technology: the optical measurement of dissolved oxygen. Thanks to OptiOxä, measuring dissolved oxygen is easier than ever before. For applications where the traditional polarographic measurement is preferred the S600-Kit is recommended. Optical oxygen measurement is superior to conventional technologies. OptiOxä is fast, precise and produces highly reproducible results. Because of the optical measuring principle used, the oxygen is not chemically consumed during the measurement, which makes stirring the sample superfluous. The InLab OptiOxä requires no polarization time, meaning you can start your measurement immediately. In addition, the whole measuring system has a high level of stability making calibration rarely necessary.

#### Scope of supply:

**S900-Basic:** Includes instrument, DO/BOD expansion unit, 2 blank expansion units, uPlaceä electrode holder, semitransparent cover, operating instructions, installation and quick guide, LabX® direct pH PC software, declaration of conformity, test certificate

**S900-Kit:** As S900-Basic but with InLab® OptiOxä, guide to DO measurement, zero oxygen tablets

**S900-BOD:** As S900-Kit, also including BOD adapter

**S600-Kit:** As S900-Kit, but with InLab® 605-ISM instead of InLab® OptiOxä

#### Specifications

##### Measuring range (O<sub>2</sub> Saturation):

InLab® OptiOxä:

InLab® 605-ISM:

Resolution: 0.0 ... 500 %

0.0 ... 600 %

0.1

##### Measuring range (O<sub>2</sub> concentration)

InLab® OptiOxä:

InLab® 605-ISM:

Resolution: 0.000 ... 50 mg/l (ppm)

0.00 ... 99 mg/l (ppm)

0.001 / 0.01 / 0.1

#### Accuracy

InLab® OptiOxä: ±0.1 mg/l from 0 to 8 mg/l

±0.2 mg/l from 8 to 20 mg/l

±10 % from 20 to 50 mg/l

InLab® 605-ISM: ±0.5 %

##### Measuring range (Pressure):

Resolution:

Accuracy: 500 ... 1100 mbar

1



±2

Calibration points: 2

Sensor input

InLab® OptiOxä:

InLab® 605-ISM: MiniLTW (IP67)

BNC

Pressure compensation: Automatic / manual

Code	Description	Packaging
LLG06284508	Dissolved oxygen meter SevenExcellence S900 / S600, Type S600-Kit	1 pz.
LLG06284509	Dissolved oxygen meter SevenExcellence S900 / S600, Type S900-Basic	1 pz.
LLG06284511	Dissolved oxygen meter SevenExcellence S900 / S600, Type S900-BOD	1 pz.



Code	Description	Packaging
LLG06284510	Dissolved oxygen meter SevenExcellence S900 / S600, Type S900-Kit	1 pz.



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