

PRODUCT INFORMATION

LABORATORY ANALYSIS

SENSION 6



SENSION 6 - Portable measurement of dissolved oxygen and BOD

- Quick and easy single point calibration
- Temperature and air pressure compensation
- Stable resolution to 0.1, 0.01 mg/l; 0.1% saturation
- Data memory
- Download/print data via RS232
- IP67 waterproof



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UNITED FOR WATER QUALITY

Technical data

Range	
- Dissolved Oxygen	0 to 20.0 mg/l; 0 - 200% saturation
- Temperature	0 to 50°C
Resolution	
- Dissolved Oxygen	0.01 or 0.1 mg/l; 0.1% saturation
- Temperature	0.1°C
Accuracy	
- Dissolved Oxygen	± 1% full scale
- Temperature	± 0.3°C at 0-70°C; ± 1.0°C at 70-110°C
Air pressure compensation	Yes, manual input of barometric pressure
Outputs	One-way, RS-232 via docking station
Inputs	One Probe Connection with Temperature, Line Power
Power Requirements	4 AA batteries or 110 to 220 VAC line power through docking station
Display	Custom LCD/Backlight
Data Memory	99 point memory
Autoread	On/off
	Interval data transfer to printer/PC
Calibration	One Point
Calibration Review	User-activated; shows last calibration date, calibration mode and temperature
Battery Life	6 month typical use (approx. 500 hrs. continuous)
Low Battery Indicator	Yes
Water resistant	IP32
Dimensions	21.2 x 8.7 x 4.2 cm (8.35 x 3.43 x 1.65")

Ordering information

INSTRUMENT	ART. NO.
SESSION 6 Dissolved Oxygen Meter without probe	5185001
SESSION 6 Dissolved Oxygen Meter with 1 m probe	5185011
SESSION 6 Dissolved Oxygen Meter with 3 m probe	5185010
SESSION 6 Dissolved Oxygen Meter with 15 m probe	5185012
SESSION 6 Dissolved Oxygen Meter with 3 m Cable Probe and 115 V Docking Station	5185013
SESSION 6 Dissolved Oxygen Meter with 3 m Cable Probe and 230 V Docking Station	5185014
SESSION 6 Dissolved Oxygen Meter with 1 m Cable Probe and 115 V Docking Station	5185015
SESSION 6 Dissolved Oxygen Meter with 1 m Cable Probe and 230 V Docking Station	5185016
SESSION 6 Dissolved Oxygen Meter with 15 m Cable Probe and 115 V Docking Station	5185017
SESSION 6 Dissolved Oxygen Meter with 15 m Cable Probe and 230 V Docking Station	5185019
OPTIONAL ACCESSORIES	
Replacement DO probe with 1-meter cable	5197000
Replacement DO probe with 3-meter cable	5197003
Replacement DO probe with 15-meter cable	5197015
Docking station 115 V	5187501
Docking station 230 V	5187502
HachLink 2000 software for PC	4966500
Computer serial (RS232) cable	4967100
DO Probe Service Kit (includes two membranes, electrolyte filling solution, and polishing cloth)	5196800
BOD Accessories Kit (includes funnel and spacer for DO probe Model 51970)	5196000
LIS chamber (low ionic strength samples)	5189900
Replacement batteries, AA, pk/4	1938004
Carrying case (soft-sided)	5190400
Carrying case (hard-sided)	5190300
Digital Barometer	2758400
Kyoline Brand Thermal Printer with cable, 230 V	A70P020
Kyoline Brand Thermal Printer with cable, 115 V	A70P021
Thermal Paper for Kyoline Printer, pk/10 rolls	A70P025

HACH LANGE Services

Orders, information and consultation without delay:
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with downloads, information and shop.

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