

Dissolved Oxygen

MW190 MAX Dissolved Oxygen/Temperature Bench Meter



MW190 MAX is a compact and versatile bench meter designed for testing dissolved oxygen in the pharmaceutical and food industry, as well as monitoring in water treatment plants. Concentration measurements are automatically compensated for temperature and salinity. Salinity and altitude can be configured in Setup. Temperature is automatically measured (in both degree Celsius and Fahrenheit) and compensated.

Other features include:

- Easy to read LCD display
- Built-in rechargeable battery with an 8-hour capacity
- Auto-off feature to prolong battery life
- Battery charger with battery monitor
- Internal clock and date to keep track of different time-dependent functions (calibration timestamp, calibration time out)
- Data logging: 1000 logs can be stored in the built-in memory including readings, GLP data, date and time
- Different logging methods: manual log-on-demand (max. 200 logs); manual log-on-stability (max. 200 logs) and interval log (max. 600 samples; 100 lots)
- Logged data can be exported using a USB cable or directly on a USB flash drive
- Dedicated GLP key to store and recall data on system status

For accurate measurements, use the electrode holder supplied with the bench meter.

Specifications	MW190 MAX
Range	O ₂ 0.00 to 45.00 mg/L (ppm) % Saturation O ₂ 0.0 to 300.0% Temp -20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	O ₂ 0.01 mg/L (ppm) % Saturation O ₂ 0.1% Temp 0.1°C (0.1°F)
Accuracy	O ₂ ±1.5% of reading ±1 digit % Saturation O ₂ ±1.5% of reading ±1 digit Temp ±0.4°C (±0.8°F)
Calibration	One or two points 0% (MA9070) and 100% (water saturated air)
Temperature Compensation	automatic, from 0.0 to 50.0°C / 32.0 to 122.0°F
Altitude Compensation	-500 to 4000 m (with 100 m resolution)
Salinity Compensation	0 to 40 g/L (with 1 g/L resolution)
Probe	MA845 (included)
Logging memory	Max. 1000 log records (stored in up to 100 lots) On demand, 200 logs, On stability, 200 logs Interval logging, 1000 logs
PC connectivity	1 USB type A port, 1 micro USB port
Environment	0 to 50°C / 32 to 122°F; max RH 95%
Power supply	12 VDC adapter (included)
Battery Life	8 hours
Packaging dimensions	335 x 120 x 255 mm
Packaging weight	2.2 kg

Ordering Information



MW190 MAX is supplied complete with:

- MA845 DO/Temp Polarographic probe
- MA841 Spare membrane (2 pcs)
- MA9071 Electrolyte solution
- MA9315 Electrode holder
- 12 VDC Adapter
- USB cable
- Instruction manual

Accessories

MA9070	Zero Oxygen Solution, 230 mL bottle	MA841	Spare membrane (5 pcs)
MA9071	Refilling Electrolyte Solution, 230 mL bottle	MA845	DO/Temp probe
MA9310	12 VDC Adapter, 220 V	MA9315	Electrode holder
MA9311	12 VDC Adapter, 110 V		

DISTRIBUTOR: -

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