

DO 110 Meter

**Measure dissolved oxygen immediately—
no meter warm-up required**

No meter warm-up required – Galvanic probe design lets you take measurements immediately without the typical 15 minute wait!

Easy-to-service, low-maintenance probe – Replaceable membrane cap assembly makes probe maintenance hassle-free! Simply fill cap with electrolyte solution and screw on.

Key in salinity and pressure values manually – Meter then calculates the offset value for increased accuracy

Independent 100% and zero adjustment calibrations – Gives meter high accuracy across entire measuring range

Offset adjustment capabilities – Calibrate your meter to a known work standard or titrimetrically determined value

Stores and recalls 100 DO readings with corresponding temperature

Transfer data directly from meter to PC – Made easy with RS-232 output included software

Displays electrode diagnostics – Gives slope, zero offset, and millivolt values to help determine when you need to service or replace electrode

Dual-line display simultaneously shows mg/L (ppm) or % saturation, plus temperature

°C/°F selectable

See page 53 to order replacement DO probes and accessories.



ISO 9001:2000
CERTIFIED SUPPLIER

CE 3 year
warranty
meter only

Specifications

Mode	mg/L (ppm)	% Saturation	Temperature
Range	0.00 to 20.00 mg/L (ppm)	0.0 to 200.0%	0.0 to 50.0°C (32 to 122°F)
Resolution	0.01 mg/L (ppm)	0.1%	0.1°C (0.1°F)
Accuracy	±1.5% full-scale	±1.5% full-scale	±0.1°C (±0.1°F)

Temperature compensation: automatic from 0 to 50°C

Salinity correction

Range: 0.0 to 50.0 ppt
Resolution: 0.1 ppt
Method: key in manually for meter calculated correction

Barometric pressure correction

Range: 555 to 808 mm Hg
Resolution: 1 mm Hg
Method: key in manually for meter calculated correction

Probe: galvanic

Memory: stores and recalls 100 sets

Output: RS-232

Operating temperature: 0 to 50°C (32 to 122°F)

Power: four 1.5 V AAA batteries (included), >50 hrs continuous use; AC adapter (optional)

Dimensions

Meter: 7½"L x 3½"W x 1¼"H (19 x 9 x 4.5 cm)

Boxed: 9½"L x 9½"W x 2¾"H (23 x 23 x 7 cm)

Probe: 6¼"L x 1¼" dia (17.3 cm L x 3.2 cm dia)

Weight

Meter: 1 lb (0.5 kg); **Boxed:** 1.4 lb (0.6 kg)



Industrial



Educational

Ordering Information

Catalog number	Description	Included
WD-35640-22	DO 110 meter only	Meter and batteries
WD-35640-20	DO 110 meter	Meter, DO probe 35640-50 with 10-ft (3-m) cable, electrolyte solution, replacement membrane caps, and batteries
WD-35640-64	DO 110 meter kit	Meter, DO probe 35640-50 with 10-ft (3-m) cable, electrolyte solution, replacement membrane caps, sample bottles, hard carrying case with space for meter and probe, and batteries

Accessories

WD-35615-09 RS-232 cable, connect meter to PC

WD-35615-07 AC adapter, 9 VDC to 110 VAC

WD-35615-08 AC adapter, 9 VDC to 220 VAC

WD-35615-75 Soft carrying case for hands-free operation

