

Acorn® DO 6 Meter

**Compact and economical—
rugged rubber boot protects meter**

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

- ▼ Automatically 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

Displays electrode diagnostics

- ▼ Gives slope, zero offset, and millivolt values to help determine when you need to service or replace electrode

Easily toggle from mg/L (ppm) or % saturation to temperature mode

See page 53 to order replacement DO probes and accessories



Left: DO 6 shown with DO probe.

Right top: Protective rubber boot features a built-in stand

Right: DO 6 meter kit

Specifications

Mode	mg/L (ppm)	% Saturation	Temperature
Range	0.00 to 20.00 mg/L (ppm)	0.0 to 200.0%	-5.0 to 105.0°C
Resolution	0.01 mg/L (ppm)	0.1%	0.1°C
Accuracy	±1.5% full-scale	±1.5% full-scale	±0.5°C

Temperature compensation: automatic from 0 to 50°C

Operating temperature: 0 to 50°C

Salinity correction

Range: 0.0 to 50.0 ppt

Resolution: 0.1 ppt

Method: key in manually and automatic correction

Barometric pressure correction

Range: 500 to 1499 mm Hg

Resolution: 1 mm Hg

Method: key in manually and automatic correction

Probe: galvanic

Memory: none

Power: four 1.5 V AAA batteries (included), >700 hrs continuous use

Dimensions

Meter: 5.5"L x 2.7"W x 1.3"H (14 x 7 x 3.5 cm)

Boxed: 8.3"L x 5.9"W x 3"H (21 x 15 x 7.5 cm)

Probe: 5"L x 0.5" dia (11.5 cm L x 1.2 cm dia)

Weight

Meter: 1.0 lb (0.45 kg); Boxed: 1.4 lb (0.64 kg)

ISO9001:2000
CERTIFIED SUPPLIER

CE 2 year warranty

Applications

Aquacultural: Monitor oxygen levels in catfish and shrimp farming, game fishing ponds, ornamental fish tanks and ponds, and in other fish farming applications.

Environmental: Test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and meet EPA regulations.

Industrial: Use to check the quality of plant water intake and discharge, wastewater and water treatment, recirculating systems, and industrial process systems.

Educational: Ideal for quick, accurate dissolved oxygen readings in labs and schools.

Ordering Information

Catalog number	Description	Includes
WD-35642-11	DO 6 meter only	Meter and batteries
WD-35642-10	DO 6 meter	Meter, DO probe 35642-50 with 3-ft cable, electrolyte solution, replacement membrane cap, and batteries
WD-35642-60	DO 6 meter kit	Meter, DO probe 35642-50 with 3-ft cable, electrolyte solution, two replacement membrane caps, three sample bottles, hard carrying case with space for meter and probe, and batteries

Accessories

WD-35642-55 Maintenance kit includes replacement membrane cap and 10 mL of electrolyte solution

WD-35640-71 Replacement electrolyte, premixed 500-mL bottle