

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

meter 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

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.



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	Key in manually and automatic correction		
Range	0.0 to 50.0 ppt		
Resolution	0.1 ppt		
Method	Key in manually and automatic correction		
Barometric pressure correction	Key in manually and automatic correction		
Range	500 to 1499 mm Hg		
Resolution	1 mm Hg		
Method	Key in manually and automatic correction		
Probe	Galvanic probe		
Memory	None		
Power	Four 1.5 V AAA batteries (included), >700 hrs continuous use		
Dimensions	5.5"L x 2.7"W x 1.3"H (14 x 7 x 3.5 cm)		
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	1.0 lb (0.45 kg)		
Meter	1.0 lb (0.45 kg)		
Boxed	1.4 lb (0.64 kg)		

Ordering Information

Cat. no.	Description	Includes
WD-35642-10	DO 6 meter	Meter, DO probe 35642-50 with 3-ft cable, electrolyte solution, replacement membrane cap, instructions, 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, instructions, 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