

Dissolved Oxygen Meter for Education



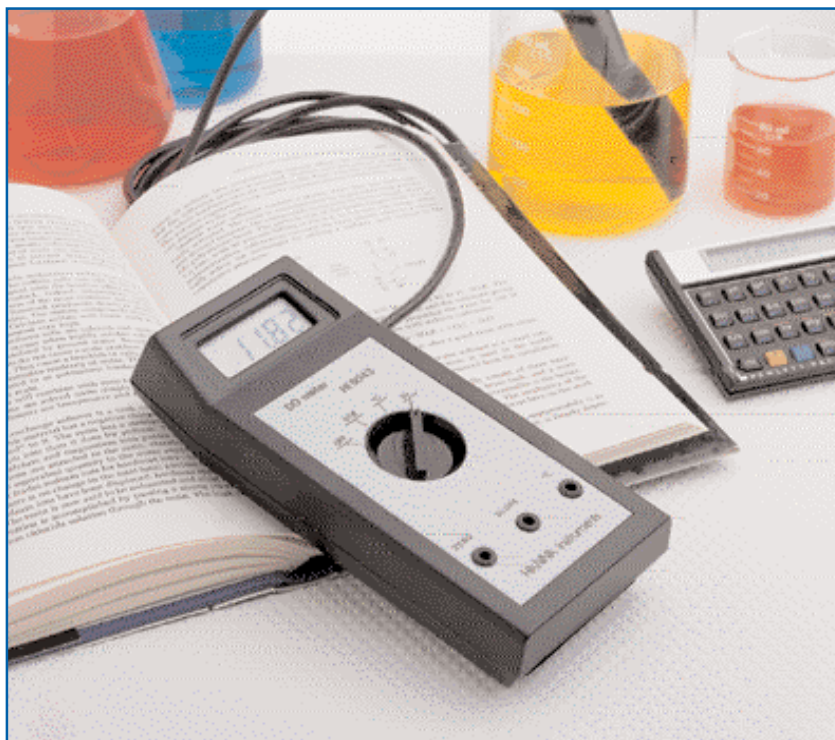
HI 8043 is a versatile D.O. meter ideal for use in school laboratories.

A common 9 Volt battery supplies the unit with up to 100 hours of continuous power, making it truly portable.

There is also a low battery warning that helps eliminate the possibility of taking an erroneous reading due to low power.

The simplicity of this meter is its greatest asset. Select the O₂ mode and the polarographic probe will supply you with accurate dissolved oxygen measurements in mg/L. Switch the dial to °C to show the temperature readings.

The STB mode is particularly useful to keep the current flowing through the probe which is continuously polarized and ready for use.



Specifications

		HI 8043
Range	O ₂	0.00 to 19.99 mg/L
	Temperature	0.0 to 50.0°C
Resolution	O ₂	0.01 mg/L
	Temperature	0.1°C
Accuracy (@20°C)	O ₂	±1.5% F.S.
	Temperature	±0.5°C
Calibration	manual, 2 points (zero & slope)	
Temperature Compensation	automatic 0 to 30°C	
Probe	HI 76401, polarographic, 3 m (10') cable (included)	
Battery Type / Life	1 x 9V / approximately 100 hours of continuous use	
Environment	0 to 50°C (32 to 122°F); RH. max 95%	
Dimensions	180 x 83 x 40 mm (7.1 x 3.3 x 1.6")	
Weight	240 g (8.4 oz.)	

Ordering Information

HI 8043 is supplied complete with HI 76401 D.O. probe with 3 m (10') cable, calibration screwdriver, 2 spare membranes, HI 7041S (30 mL), battery and instructions.

Accessories

HI 76401	D.O. probe with 3 m (10') cable	HI 7040M	bottle Zero oxygen solution, 230 mL
HI 710009	Shockproof rubber boot, blue	HI 7041S	bottle Refilling electrolyte solution (30 mL)
HI 710010	Shockproof rubber boot, orange	HI 76407A/P	Pack of 5 replacement membranes
HI 710001	Soft carrying case		
HI 7040L	Zero oxygen solution, 500 mL		

For other accessories, see section U. For a list of D.O. probes, see page M12.