

Dissolved Oxygen Meter for Education



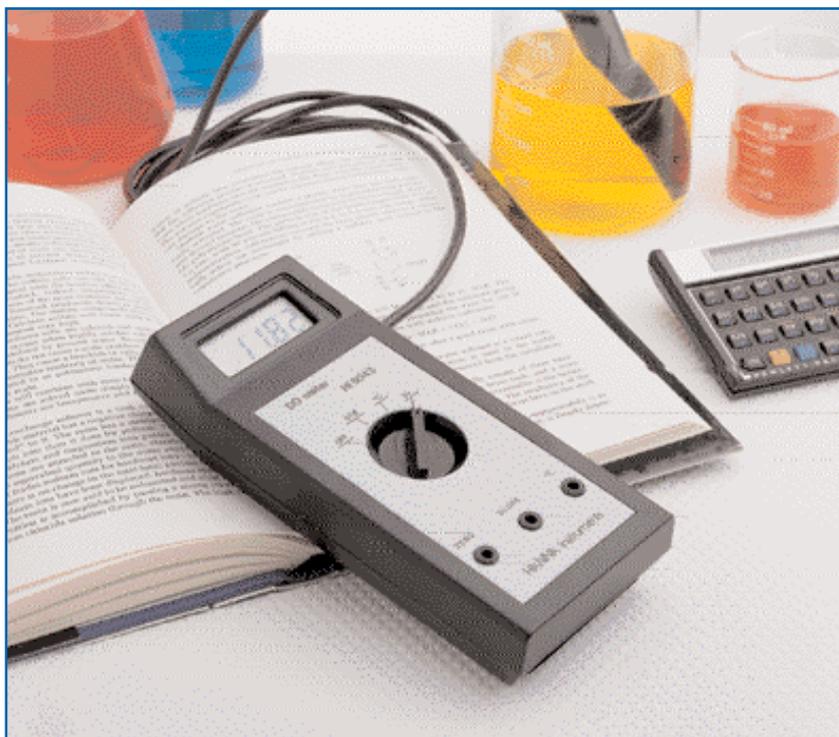
HI 8043 is a versatile D.O. meter ideal for use in school laboratories.

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.