

HI76407 · HI764073 Protected Sleeve Series

## DO Probe

with Protective Sleeve

The HI76407/F is a standard Clark-type polarographic dissolved oxygen probe for Hanna's benchtop and portable dissolved oxygen meters. The probe is constructed of durable ABS plastic and contains an integrated temperature sensor for temperature compensated measurements. It is compatible with our HI76407A/P PTFE membrane caps. Each membrane separates the probe's platinum cathode and silver anode from the water sample being measured. Oxygen diffuses across the membrane and interacts with the polarographic system to produce a current proportional to oxygen concentration. Each cap is easily filled with HI7041 electrolyte and screwed on to the probe. The probe's protective sleeve makes it ideal for use in rugged or demanding environments.

- 1** Shielded, waterproof cable
- 2** Protective sleeve
- 3** PEI probe for best field protection
- 4** Linearized and accurate thermistor temperature sensor protected behind a stainless steel cover
- 5** Silver wire anode element
- 6** Glass encapsulated platinum cathode
- 7** Screw cap membrane that holds potassium chloride electrolyte solution (HI7041S)
- 8** Thin, permeable PTFE membrane isolates the sensor elements from the testing solution, but allows oxygen to enter (HI76407A/P)
- 9** Hole for solution cycling
- 10** Protective sleeve for field applications

HI76407A/P

## Easy, Screw Cap DO Membranes

When the PTFE (polytetrafluoroethylene) membrane of the protective cap wears, it is always good to have a back-up.

**HI76407A/P** contains 5 ready-to-use, replacement membranes.



HI7040 · HI7041

## DO Solutions

It is crucial to the performance of your DO probe to keep the sensor active with regular maintenance.



<b>HI7040L</b>	zero oxygen solution set, 500 mL + 12g
<b>HI7041S</b>	refilling electrolyte solution (30 mL)
<b>HI7041M</b>	refilling electrolyte solution (230 mL)
<b>HI7041L</b>	refilling electrolyte solution (500 mL)

