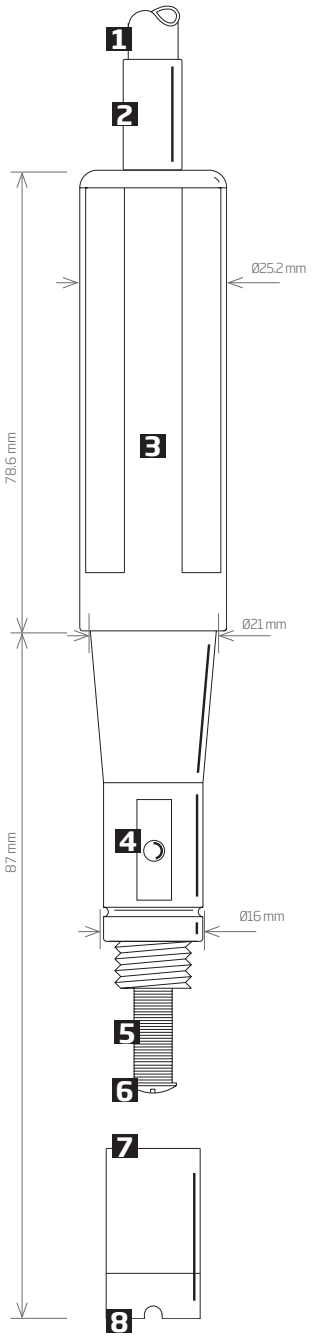
HI76407

Standard DO Probe

The HI76407 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 onto the probe. The probe's tapered design makes it ideal for BOD measurements.





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)

Probe	Cable Length	Recommended Meter
HI76407/2	2 m (6.6')	HI9142
HI76407/4	4 m (13')	
HI76407/10	10 m (33')	
HI76407/20	20 m (66')	

HI76407A/P



Easy, Screw Cap DO Membranes

Have PTFE DO replacement caps available when DO measurements become sluggish or for routine maintenance.

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

HI7041



Electrolyte Solution

It is crucial to the performance of your DO probe to keep the sensor active with regular maintenance. For this purpose, Hanna has developed HI7041 electrolyte solution to refill the membrane cap.

HI7041S	refilling electrolyte solution (30 mL)
HI7041M	refilling electrolyte solution (230 mL)
HI7041L	refilling electrolyte solution (500 mL)