

...setting the standard
again and again®

Electrodes — pH/Ion

pH/Ion



Flat surface pH electrodes

— Ideal for flat surface measurements such as paper or skin

These electrodes are available with sealed epoxy body or refillable glass body. Replacement electrode fill solution for refillable electrode is available below.

Specifications & Ordering Information

Range: 0 to 12 pH

Max temperature: 80°C epoxy body or 100°C glass body

Diameter: 12 mm

Catalog number	Type*	Junction	Cable length
Epoxy-body electrodes, sealed			
WD-35805-19	Standard	Single	3 ft (1 m)
WD-35804-10	Direct connect	Single	No cable
WD-35805-72	All-in-One	Double	3 ft (1 m)
Glass-body electrode, refillable			
WD-35805-70	All-in-One	Double	3 ft (1 m)
WD-35805-20	Standard	Single	3 ft (1 m)



Semi-dome, epoxy-body, gel-filled pH electrode

— Rugged semi-dome bulb design

Special close-knit ceramic junction prevents back diffusion problems and resists clogging. Vortexing junction design enhances electrolyte flow and self-cleans in flowing applications. Epoxy body; polymer gel reference fill won't break down over time, enhancing electrode performance and longevity.

Specifications & Ordering Information

Range: 0 to 13 pH

Max temperature: 100°C

Diameter: 12 mm

Catalog number	Type*	Junction	Cable length
WD-35808-89	All-in-One Waterproof	Single	3 ft (1 m)



Polymer gel, single-junction pH electrode

— Polymer gel reference fill won't break down over time, enhancing electrode performance and longevity

Specifications & Ordering Information

Range: 0 to 13 pH

Max temperature: 100°C

Diameter: 12 mm

Catalog number	Type*	Cable length
WD-35808-90	All-in-One Waterproof	3 ft (1 m)



Sleeve-type, single-junction, refillable pH electrode

— Ideal for viscous liquids and low ionic strength samples

Sleeve design gives high electrolyte flow. Unique reference design and fill solution minimize drift and give excellent performance at high temperatures.

Specifications & Ordering Information

Range: 0 to 12 pH

Max temperature: 100°C

Diameter: 12 mm

Catalog number	Type*	Cable length
WD-35805-26	Standard	3 ft (1 m)

*See "Electrode Types" on page 26.



00653-04



00653-06



35805-50

Oakton® Electrode Care

- Extend the life of your electrode, increase speed of response, and get accurate readings
- Solutions to clean, store, and fill electrodes

WD-00653-04 pH electrode storage solution, one pint. Use with saver bottles; keep bulb moist for quicker, more accurate pH readings

WD-00653-06 pH/ORP electrode cleaning solution, one pint. Removes build-up from electrodes to maintain bulb sensitivity

WD-35805-50 Replacement pH electrode saver bottle. For pH electrodes up to 12 mm dia. 44.5 mm H x 25.4 mm dia

WD-35803-73 Reference fill solution for single junction pH electrodes. 4 M KCl saturated with AgCl, 125 mL

WD-35803-74 Reference fill solution for double junction or calomel reference refillable pH electrodes. 4 M KCl, 125 mL

WD-35803-83 Reference fill solution, lithium chloride (LiCl)/methanol, for double junction refillable pH electrodes. Use where organics are present. 125 mL

WD-35803-84 Reference fill solution, KCl with glycerol, for double junction refillable pH electrodes. Use for low-temperature samples. 125 mL

Accessories

WD-35820-64 In-line threaded housing. Use to install any 12-mm diameter electrode into pipe for in-line use or submersible monitoring; ¾" NPT(M), nylon

WD-35420-54 Replacement electrode holder arm