

Accessories



Line-Powered Four-Station
D.O. Sensor Polarizer

pH & D.O. Sensor Simulator
for Troubleshooting
Instrumentation and
Cable Assemblies



pH and D.O. Storage



Stanchion Mount
Storage Containers
for Pipe or Vessel
Mounting

Benchtop
Free Standing
Storage
Containers



Mounting
Hardware Kits for
Stanchion Mount

Storage Containers

These strong storage containers were designed for industrial applications requiring an easily accessible, short-term, remote storage location for pH electrodes during tank maintenance to prevent the electrodes from dehydrating.

Free standing storage containers for benchtop use.

| Part Number | Housing Length |
|---------------|----------------|
| 301-P109-H070 | ≤ 70 mm |
| 301-P109-H150 | ≤ 150 mm |

Stanchion mount storage containers for pipe or vessel mounting.

| Part Number | Housing Length |
|---------------|----------------|
| 301-P110-H070 | ≤ 70 mm |
| 301-P110-H150 | ≤ 150 mm |

Mounting hardware kit for stanchion mount.

| | |
|---------------|------------------------------|
| 300-P111-0200 | For 50 mm (2") Pipe Diameter |
|---------------|------------------------------|



4-Pack of Soaker Bottles

Soaker Bottle

Soaker bottles provide protection for any 12 mm pH electrode or D.O. sensor during transportation or storage. The o-ring fits securely against the sensor body, sealing the solution from the atmosphere to minimize evaporation, prevent spillage and increase solution life. Soaker bottles should be filled with buffer for D.O. sensor storage or KCl solution for pH electrode storage. Soaker bottles are available in a convenient 4-pack.

Part Number

AM-1090-12

pH Accessories

Buffer Solution

Precision reference buffers of pH values 4, 7 and 10 are available in 500 ml size bottles. Certificates of Analysis will be included with each bottle. The pH temperature chart is on the label.

| Part Number | Description | Size |
|------------------|---------------|--------|
| AS-3220-C30-0500 | Buffer, pH 4 | 500 ml |
| AS-3221-C30-0500 | Buffer, pH 7 | 500 ml |
| AS-3222-C30-0500 | Buffer, pH 10 | 500 ml |



Buffer Solution
pH 4



Buffer Solution
pH 7



Buffer Solution
pH 10

pH Electrode Storage Solution

Potassium Chloride (KCl) solution is the first choice for storing FermProbes®. If this is not available, buffer solution can be used. NEVER store pH electrodes in deionized (DI) water.

| Part Number | Description | Size |
|------------------|----------------------------------|--------|
| AS-3120-C20-0500 | Electrode Storage Solution (KCl) | 500 ml |



Electrode
Storage
Solution

Standard Replacement Autoclave Cap

Every FermProbe with a detachable cable is shipped with an autoclave cap and a sealing o-ring. This cap should be used every time the electrode is autoclaved, to prevent moisture from resting in crevices of the connector.

| Part Number | Description | Quantity |
|-------------|-------------|----------|
| 300-P103-05 | S8 Cap | 5 |
| 300-P203-05 | K9 Cap | 5 |

S8
Autoclave Cap



K9
Autoclave Cap



Cable Adapter

This cable adapter converts any pH cable with an AK9 connector to a standard FermProbe connector. This rugged adapter can remain on the cable when not in use.

| Part Number |
|---------------|
| E-1245-AAD-DZ |

Cable
Adapter



Retainer Rings for pH & D.O. Sensors & Housings



Retainer Ring for 25 mm Port

All port retainer rings from Broadley-James Corporation are 316L stainless steel. Housings and D.O. sensors come with an attached retainer ring, however, the ring may need to be replaced due to loss or damage.

| Part Number | Height | Description |
|-------------|---------------|---------------|
| AM-9200 | 0.87" (22 mm) | Current Style |
| AM-9363 | 0.70" (18 mm) | Old Style |

Since 1999, Broadley-James Corporation has been supplying housings and D.O. sensors with a slightly taller retainer ring than in the past. The taller ring and additional threads were necessary to be compatible with the new safety ports offered by B. Braun Biotech and other vessel manufacturers. These taller rings will fit most old and new ports.



19 mm Port Retainer Ring

This port retainer ring will fit most 19 mm ports. The threads on the 19 mm port are finer than those on a 25 mm port. The ring is made of 316L stainless steel.

| Part Number |
|-------------|
| AM-9201 |

Accessories for All D.O. Sensors

Membrane Cartridge Test Kit

Although the membrane is reinforced with stainless steel mesh, it is easy to damage the surface. A slight impact on a hard surface can damage the membrane and affect sensor performance. If cartridges are to withstand multiple cycles, it is critical to confirm that the membrane has not been compromised from the prior run. A quick test with this device assures that the membrane is in good condition.

Part Number

AM-9425



Membrane Tester

D.O. Electrolyte Solution

In critical biotech applications, the electrolyte should be changed after every run to yield the best results. The shelf life of this solution is approximately 2 years. Lot numbers and expiration dates are clearly marked on each bottle for tracking.

Part Number Description

| | |
|------------------|--------------------------------------|
| AS-3140-C30-0025 | 25 ml—Approx. 10 cartridge refills |
| AS-3140-C30-0250 | 250 ml—Approx. 100 cartridge refills |



D.O. Electrolyte Solution

Cable and Sensor Connector Dust Caps

Two different dust caps are available from Broadley-James. One to protect the D4 cable connectors and the other to protect the 4-pin D.O. sensor connection. The dust caps protect the connectors from damage and moisture when not in use.

Part Number

AM-9212

AM-9219



AM-9219 Cable Connector Dust Cap



AM-9212 Sensor Connector Dust Cap

D.O. Sensor Cleaning Kit

Periodic cleaning of the cathode surface with a toothbrush and toothpaste, followed by a D.I. water rinse, has proven to be an effective and simple method for the removal of contamination on the cathode and anode surfaces. The kit includes a bottle of cleaning paste, a soft brush, and two pieces of micron polishing paper.

Part Number

AM-9389



D.O. Sensor Cleaning Kit