

SPER SCIENTIFIC



DJ Gongol & Associates, Inc.

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Water Quality Instruments

To order, visit

<http://pumpstoreusa.com/store/phprobes/>
or
<http://pumpstoreusa.com/store/doprobes/>
or call 515-223-4144



AquaShock[®]

Rugged. Accurate. Reliable.

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AquaShock®



- Floats
- Shockproof
- IP67 Waterproof
- Protective soft-grip outer layer
- Rechargeable Lithium-Ion battery
- Also accepts standard BNC probes

AquaShock® meters have been designed and tested to ensure accurate, reliable water quality measurement under any conditions. The integral soft-grip outer layer provides a firm grip, even in wet environments, and an anti-shock LCD, and other high-end components, further ensures that AquaShock® is fully shockproof. AquaShock® meters are also IP67 waterproof and will float if accidentally dropped in water. The screw-down probe connections are watertight when used with AquaShock® probes, while a standard BNC connector underneath enables use of any pH probes with BNC connectors.* The latest high performance electronics give AquaShock® meters extremely stable and accurate readings. Results are easy to read, in any light, on the large LED backlit display. Powered by a long-lasting, environmentally friendly, rechargeable, Lithium-Ion battery. AquaShock® meters are very intuitive and include all the functions you will likely ever need including:

- Review of 99 memories, min-max-ave, directly on the meter's display
- Internal clock and calendar
- °C & °F
- Auto-ranging
- Automatic and manual temperature compensation
- Hold



Sper Scientific guarantees you will find no meter more rugged and reliable than AquaShock®. Dimensions: 8¼" × 4¼" × 2¼" (210 × 108 × 57mm). Weight: 1 lbs (476 g).



No.	Description	Each
850034K	AquaShock® Water Purity Kit	\$690.00
850034P	Replacement AquaShock® ATC Conductivity/TDS Probe	\$243.00
850046K	AquaShock® DO Kit	TBD
850046P	Replacement AquaShock® ATC DO Probe	TBD
850057K	AquaShock® pH Kit	\$590.00
850057P	Replacement AquaShock® ATC pH Probe	\$207.00
850064K	AquaShock® pH ORP Kit	\$660.00
850064P	AquaShock® ORP Probe	\$207.00
840092	Bench-top Tripod	\$10.00
840093	Field Tripod	\$30.50

* Connections are not waterproof when used with non-AquaShock® probes.

AquaShock®

**Rugged
Accurate
Reliable**

IP67 Waterproof including probe connections and will float if accidentally dropped in water.

Screw-Down Probe Connections

are watertight when used with AquaShock® probes. The BNC connector underneath also enables use of standard (non-waterproof) BNC probes.

Fully Shockproof. The integral (double injection molded) soft-grip outer layer provides a firm grip, even in wet environments and helps protect the internal components from shock. A reinforced internal structure and anti-shock LCD with a protective window further ensure that AquaShock® meters will not be damaged when dropped from any angle.



Rechargeable Lithium-Ion Battery,

provides over 80 hours of continuous usage on model 850034 and 200 hours per charge on all other models. Eliminates disposal of standard batteries containing mercury and other elements harmful to the environment. To protect the battery, AquaShock® meters automatically stop charging when full.

AquaShock® pH Kit 850057K

- Measures pH, mV and temperature
- 5 calibration points
- Automatic buffer recognition
- Recalls electrode offset, slope and last calibration

Mode	pH	Temperature	mV
Range	0 ~ 14 pH	32 ~ 140°F (0 ~ 60°C)	-1999 ~ 1999 mV
Resolution	0.01 pH	0.1°F&C	0.1 mV
Accuracy	±0.01 pH	0.9°F (±0.5°C)	±0.3 mV

Includes AquaShock® pH Meter 850057; AC adaptor; manual; warranty card; probe input covers; ATC pH probe; pH 4.01, 6.86, 9.18 & distilled water; protective, foam-lined, hard-shell carrying case.

AquaShock® pH ORP Kit 850064K

- Measures pH, mV & ORP (Oxygen Reduction Potential) and temperature
- 5 calibration points
- Automatic buffer recognition
- Recalls electrode offset, slope and last calibration

Mode	pH	Temperature	mV
Range	0 ~ 14 pH	32 ~ 140°F (0 ~ 60°C)	-1999 ~ 1999 mV
Resolution	0.01 pH	0.1°F&C	0.1 mV
Accuracy	±0.01 pH	0.9°F (±0.5°C)	±0.3 mV

Includes AquaShock® pH/ORP Meter 850064; ATC pH probe; AC adaptor; manual; warranty card; probe input covers; pH 4.01, 6.86, 9.18 & distilled water; protective, foam-lined, hard-shell carrying case.

AquaShock® Water Purity Kit 850034K

- Determine water purity in applications such as coolers, waste water, environmental testing, aquariums and industrial quality control
- Measures conductivity in mS or uS, TDS (Total Dissolved Solids) in ppm or ppt, and temperature
- Recalls last calibration points

Mode	Temperature	Conductivity	TDS
Range	32.0 ~ 212.0°F 0 ~ 100°C	0 to 19.99 µS 0 to 199.9 µS 0 to 1999 µS 0 to 19.99 mS 0 to 199.9 mS	0.0 to 9.99 ppm 10.0 to 99.9 ppm 100 to 999 ppm 1.0 to 9.99 ppt 10.0 to 199.9 ppt
Resolution	0.1°F or 0.1°C	0.01 µS, 0.1 µS, 1 µS, 0.01 mS, 0.1 mS	0.01 ppm, 0.1 ppm, 1ppm, 0.01 ppt, 0.1 ppt
Accuracy	±0.9°F / ±0.5°C	±1% full scale	±1% full scale

Includes AquaShock® Pure Water Meter 850034; ATC conductivity / TDS probe; AC adaptor; manual; warranty card; probe input covers; protective, foam-lined, hard-shell carrying case.

AquaShock® DO Kit 850046K (Coming Soon)

- Measures DO (Dissolved Oxygen) in either % saturation, ppm or mg/L
- Accepts corrections for salinity and barometric pressure
- Automatic calibration to air
- Recalls slope and last calibration

Mode	mg/L (ppm)	% Saturation	Temperature
Range	0.00 ~19.99 mg/L (ppm)	0.0 ~199.9%	32.0 ~ 122.0°F 0.0 ~ 50.0°C
Resolution	0.01 mg/L (ppm)	0.1 %	0.1°F or 0.1°C
Accuracy	±1.0% Full Scale	±1.0% Full Scale	±0.9°F or ±0.5°C

Includes AquaShock® DO Meter 850046; AC adaptor; manual; warranty card; probe input covers; ATC DO probe; protective, foam-lined, hard-shell carrying case.

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