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EcoScan Ion 6



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Product Features

- ⌘ Direct Ion Concentration for use with most mono- or di-valent Ion Selective Electrodes (ISE)
- ⌘ mV measurement mode allows you to check performance and calibration of your ISE
- ⌘ Multi-Point Calibration (up to 3 points) with Auto-Buffer Recognition - choice of USA, NIST or pure water buffer standards with ± 0.01 pH accuracy
- ⌘ Automatic Temperature Compensation (ATC) for the highest accuracy under fluctuating temperatures
- ⌘ Non-Volatile Memory ensures data are retained even meter powers off
- ⌘ Hold Function momentarily freezes reading for easy viewing and recording
- ⌘ Auto-Power Off saves battery power after non-use
- ⌘ Self-Diagnostic with message codes for easy troubleshooting
- ⌘ Large Custom LCD provides optimum viewing even at a distance
- ⌘ Protective Rubber Boot shields meter from accidental knocks and features a sturdy built-in stand for easy bench-top operation
- ⌘ Rugged Carrying Case (Optional) provides handy on-site meter calibration and measurement



EcoScan Carrying Kit



[Waterproof Electrodes](#)



[Buffer & Calibration Solutions \(480ml Bottles\)](#)



[pH Buffer Sachets](#)

Applications

ISE: Use with any ISE with BNC connection; titration methods allow measurement of many other types of ions.

Water Quality Testing: For analyzing water in pools and spas, lithographic processes, boiler and cooling tower water analysis and all types of quality assurance and water quality testing.

Environmental/Agricultural: Use in ecology studies, aquariums, aquaculture and nutrients levels in hydroponics.

Educational: Ideal for quick, accurate checks in laboratories and schools.

Industrial/Laboratory: Use for fluoride in toothpaste production, water hardness testing or other ions in feed or wastewater, sewage treatment, soil testing, fertilizer testing, plant tissue testing, food processing (check sodium, potassium levels), geological testing, and metal plating. Also use in paper/pulp or pharmaceutical industries.

Specifications

Product Specification	Description
Ion Concentration Range	0.01 to 1999 ppm
Resolution & Accuracy	0.01 ppm (0.01 to 0.99 ppm); 0.1 ppm (1.0 to 199.9 ppm); 1 ppm (200 to 1999 ppm) & $\pm 1\%$ Full Scale
mV Range	± 199.9 mV (extended); ± 500 mV
Resolution & Accuracy	0.1 mV & ± 0.2 mV (within ± 199.9 mV); 1 mV & ± 2 mV (beyond ± 200 mV)
pH Range	0.00 to 14.00 pH
Resolution & Accuracy	0.01 pH & ± 0.01 pH
Temperature Range	0 to 100.0 °C
Resolution & Accuracy	0.1 °C & ± 0.5 °C
No. of Ion Calibration Points	Up to 4 points (min. 2 points)
No. of pH Calibration Points	Up to 3 points
pH Buffer Options	pH 4.01, 7.00, 10.01 (US); pH 4.00, 6.86, 9.18 (NIST); pH 4.10, 6.97 (Pure water)
Special Functions	Auto Power-Off after 17 minutes; Hold & Self-diagnostic messages
Power	4 'AAA' x 1.4V batteries

Order Information

Order No.	Item
EC-ION6/02K	EcoScan Ion 6 Palmtop Ion/pH/mV Meter with pH electrode, temperature probe & EcoScan pH carry kit set (EC-ECOPH-KIT)
EC-ECOPH-KIT	EcoScan pH Carry Kit Set – EcoScan Plastic Carry Case comprises: 1 x pH 4.01, pH 7.00, pH 10.01 buffer solutions (60 ml each) and 1 x empty rinse water bottle

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