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CyberScan pH 1500



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Product Features

- ⌘ High Resolution and Accuracy (Up to ± 0.002 pH Accuracy) for precise measurement
- ⌘ Multi-Point Push-Button Calibration with Auto-Buffer Recognition (Up to 6 points) for optimum accuracy
- ⌘ Advanced Setup Menu allows programmable functions like pH resolution, stability, etc. and viewing of electrode diagnosis - pH slope/offset, previous calibration points.
- ⌘ Auto-Calibration ensures effortless operation with no calibration mistake
- ⌘ Automatic Temperature Compensation (ATC) for best accuracy under fluctuating temperatures
- ⌘ FET (Solid-State Non-Glass) pH electrodes can be used directly without adapter as well as specialty and standard glass pH electrodes
- ⌘ Expanded Memory stores and recalls up to 100 data sets
- ⌘ RS232 Communication interface to download data to a printer or PC with complimentary Windows®-based DAS software for report documentation
- ⌘ Extra Large Easy-to-Read LCD provides optimum viewing even at a distance
- ⌘ Self-Diagnostic with message codes for easy troubleshooting
- ⌘ Detachable Electrode Stand organizes multiple electrodes neatly and holds them firmly in place



One screen tells all



Seamless interface with computer



Rear connector panel layout

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Applications

Laboratory/Industrial: Use for water quality testing, sewage treatment, food processing (for HACCP compliance), geological testing. Great for R&D and QC applications in the food and pharmaceutical industries, paper/pulp processing, chemical industries and related fields. Suitable for most ASTM and EPA test procedures.

Educational: Perfect for research labs, suitable for all types of chemistry labs and ecology studies.

Specifications

| Product Specification | Description |
|----------------------------------|---|
| pH Range | -1.999 to 19.999 pH |
| Resolution & Accuracy | 0.1/0.01/0.001 & $\pm 0.1/0.01/0.002$ pH |
| mV Range | -1800 to +1800 mV |
| Resolution & Accuracy | 0.1 mV & ± 0.2 mV |
| Temperature Range | -5.0 to +105.0 °C (23.0 to +221.0 °F) |
| Resolution & Accuracy | 0.1 ° & ± 0.5 °C (± 0.9 °F) |
| No. of Calibration Points | Up to 6 points |
| pH Buffer Options | USA: 2, 4, 7, 10, 12 NIST: 1.68, 4.01, 6.86, 9.18, 12.46 Euro: 1, 3, 6, 8, 10, 12 |
| Memory | 100 Data Sets |
| Temperature Compensation | Automatic/Manual (0 to 100 °C) |
| Print Output | RS232C |
| Electrode Input | FET (solid-state non-glass) or Glass pH electrode |
| Display | Large Custom LCD - 105 X 75 mm (screen size) with contrasted background |
| Special Functions | Auto-Calibration; Averaging/Stability; Slope/offset Display; Self-diagnostic |
| Power | DC Power adapter for 110VAC/ 220VAC, centre negative |

Order Information

| Order No. | VAC | Item |
|----------------------|-----|---|
| EC-PH1500/115 | 110 | CyberScan pH 1500 Bench pH/mV/RS232 Meter with DAS, RS232C cable , ATC probe, integral electrode holder & power adapter |
| EC-PH1500/215 | 220 | CyberScan pH 1500 Bench pH/mV/RS232 Meter with DAS, RS232C cable , ATC probe, integral electrode holder & power adapter |

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