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**CyberScan pH 6500**



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**Product Features**

*Top-of-the-line, research-grade benchmeter*

- Up to two channels measured and displayed simultaneously without cross channel interference – no need to re-calibrate every time you switch from pH to ISE measurement!
- Wide pH and mV measurement range: -2.000 to 20.000 pH and ± 2000.0 mV
- Addition/subtraction methods are almost foolproof. The pH 6500 prompts you through the method steps, allowing easy entry of volumes and concentrations, and providing you with the sample concentration without tedious paper calculations.

'Direct/Indirect', 'Known Addition/Subtraction' and 'Analyte Addition/Subtraction' Ion measurement methods in ppm, %, mg/mL and mole/L.

- Automatically corrects for temperature effects with separate ATC (Automatic Temperature Compensation) probe in each channel.
- Advanced real-time on screen graphing function provides useful indication for specific measurements such as titration.
- Extensive setup screens enable you to customise meter to your needs, e.g. Isopotential Point, Temperature Units, Ion method, ISE Electrode Type, Alarm Limits and other functions.
- Windows® CE-driven, full-color touchscreen provides unmatched ease of use in operations and setups with user-friendly icons, user prompts and context specific 'help' screens.
- Advanced USB, IRDA connectivity allows extensive host/device communication capabilities.
- Ethernet/Internet-ready with RJ45 input for connection to LAN or Internet for quick research and data sharing.
- Secure log-in for up to ten users.

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Also in the CyberScan 6000 Series

- [PCD 6500](#)
- [PC 6500](#)
- [PC 6000](#)
- [pH 6000](#)
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- [CyberScan 6000 Series Brochure](#)

Related Accessories

- [CyberComm 6000 DAS](#)
- [Electrodes](#)
- [Buffers & Calibration Solutions \(480ml\)](#)

Download Instruction Manual

- [CyberScan 6000 Series Manual \(Pt 1\)](#)
- [CyberScan 6000 Series Manual \(Pt 2\)](#)



Touchscreen coloured meter runs on Windows CE system.



Upload or download data easily with SD card or USB thumbdrive



Even plays media files



[CyberComm 6000 - Premium software designed to assist with 21 CFR Part 11 Compliance](#)



[Electrodes](#)



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

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
<b>pH Range</b>	-2.000 to 20.000 pH
<b>Resolution &amp; Accuracy</b>	0.1/0.01/0.001 pH & ±0.1/0.01/0.002 pH
<b>mV Range</b>	±2000.0 mV
<b>Resolution &amp; Accuracy</b>	0.1 mV & ±0.2 mV
<b>Ion Concentration Range</b>	1 x 10 <sup>-7</sup> to 9.99 x 10 <sup>10</sup>
<b>Resolution &amp; Accuracy</b>	2,3 or 4 sig. figures & ±0.17% of full scale (monovalent) ±0.34% of full scale (divalent)
<b>Temperature Range</b>	-5.0 to 105.0 °C
<b>Resolution &amp; Accuracy</b>	0.1 °C & ±0.2 °C
<b>No. of Calibration Points</b>	Up to 5
<b>pH Buffer Options</b>	USA: 2, 4, 7, 10, 12 NIST: 1.68, 4.01, 6.86, 9.18, 12.45 Euro: 1, 3, 6, 8, 10, 12 custom
<b>No. of Ion Calibration Points</b>	Up to 5
<b>Incremental methods</b>	KA, KS, AA, AS
<b>Memory</b>	10,000 Data Sets with Date/Time stamping
<b>Temperature Compensation</b>	Automatic/Manual (0 to 100 °C)
<b>Programmable data storage/output</b>	On stable, time and manual
<b>Output</b>	USB, IRDA, RS232C
<b>Print Interval</b>	3 to 86400 sec
<b>Electrode Input</b>	FET (solid-state non-glass) or Glass pH electrode
<b>Display</b>	640x480 digit LCD
<b>Power</b>	9VDC, 3.3A center negative

Order Information

Order No.	Item
<b>ECPH6500425</b>	Color Touch Screen CyberScan pH 6500 - 2 channel pH/pH FET/mV/Ion RS232,USB,IRDA Meter with pH electrode EC620130, ATC probe, electrode holder & universal power adapter ( US,UK,EURO,Japan )
<b>ECPH6500405</b>	Color Touch Screen CyberScan pH 6500 - 2 channel pH/pH FET/mV/Ion RS232,USB,IRDA Meter with electrode holder & universal power adapter ( US,UK,EURO,Japan )
<b>ECDAS6000</b>	21 CFR Part 11 Compliant 6000 Series Application Software. Please quote serial number of your bench meter when ordering.

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