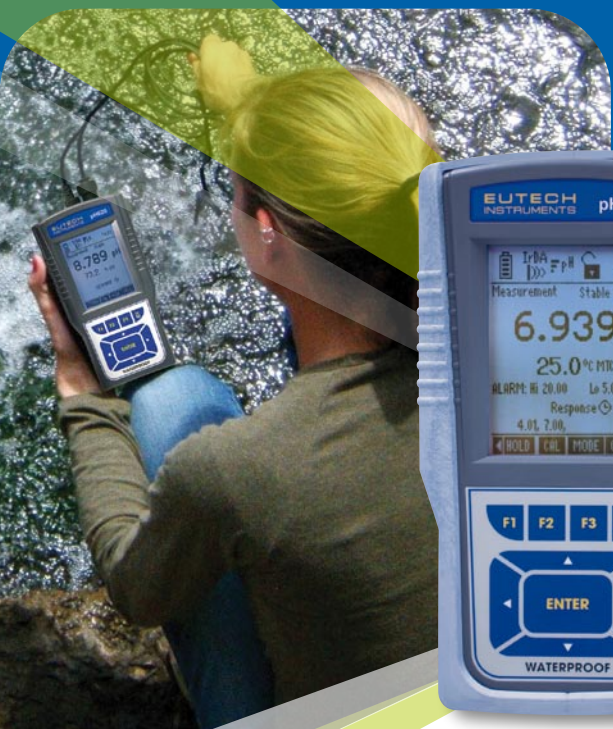


When accuracy is as important as portability, the new Eutech Waterproof CyberScan series 600 is your perfect choice. Equipped with enhanced features such as 0.001 resolution, ion measurement, a wide pH range and high accuracy of up to  $\pm 0.002$  pH, the CyberScan meters are rugged and waterproof to IP67 standards, with GLP functions, wireless data transfer and a memory that houses up to 500 data sets.

In fact, we've made the Eutech CyberScan series 600 so powerful and versatile, it's like having a portable bench meter in your hands.



## Waterproof CyberScan Series pH600 Meters

SOLUTIONS FOR WATER ANALYSIS



**EUTECH**  
INSTRUMENTS  
*Technology Made Easy ...*

### **Portable Lab In Your Hands** **Eutech's First Waterproof pH & Ion** **Meters With Up To 0.001 Resolution**

#### **Higher Accuracy**

- Accuracies up to  $\pm 0.002$  pH
- Cal-Due Alarm Prevents Out-Dated Calibrations
- Set-Point Alarm Warns when Readings are Outside Set-Points Limit

#### **Fuss-Free Data Management**

- User-Friendly Graphic Interface Design with Simultaneous Multi-Parameter Display
- GLP-Compliant Time and Date Stamping
- Stores up to 500 Data Sets
- IrDA Wireless Communication

#### **More User-Friendly**

- Indication of Electrode Status with Electrode Properties Report & Response Indicator
- Password Protection Security for Calibration and Set-Up Menus
- Intuitive Operation via Softkeys



# Waterproof CyberScan pH600 Meters



Electrode Inputs



IrDA/RS232C (LED) -  
For Wireless Data Transfer



External Power Input

**Higher Accuracy, Higher Resolution and Wider Measuring Range** - The Eutech Waterproof CyberScan pH600 series sets a new benchmark in Eutech's range of portable pH meters by measuring a wider pH range of -2.00 to 19.99, expandable to 0.001 pH resolution. It is also Eutech's first waterproof portable meter for ion measurement.

**Convenient Calibration with up to 6 Calibration Points & 20 Auto/Custom Buffer Options Sets** - Calibration is easy with up to 6 calibration points. The meters offer 20 buffer options with 5 manual-buffer settings and 15 auto-buffer recognition of USA, NIST, DIN and PWB standards.

**Advanced Calibration Settings and Electrodes Indicator Alert** - No more outdated calibration settings with the user-selectable calibration-due alarm. Electrode Properties Report and Response Indicator alert you when electrodes are sluggish or dirty. To make it easier, we even included an Interactive Calibration Sequence which takes you through the proper step-by-step calibration procedure.

**User-Friendly GUI with Fuss-Free Data Management with Greater Storage Space** - The CyberScan series 600 offers one of the biggest memory storage in the market for handheld pH meters, with memory space sufficient for up to 500 data-sets, and time & date stamping conveniently formatted to meet Good Laboratory Practise (GLP) standards. Enhanced Graphic User Interface design allows users to view all relevant information at a single glance.

**Wireless and Cable-Free Data Transfer** - Data transfer from your CyberScan series 600 meters is easy with the inbuilt infrared IrDA and RS232 technology. No wires, no cables, simply send your information to your computer with a few clicks.

**Sturdy Water Proof Design with Large Back Light Graphic Display** - Waterproof to IP67 standard, each CyberScan series 600 meter comes equipped with rubber boot and a Velcro\* hand strap for firmer grip. Dual power allows for use of battery or AC Adaptor\*, and large back-lit dot matrix LCD is ideal even in low light ambient conditions.

**Warranty** - Eutech Instruments provides three years of warranty against manufacturing defects for meters, and six months for electrodes.

**Applications** - • Water & wastewater treatment • Environmental monitoring • Drinking water • Printing Industry • Aquaculture • Food & beverage • General laboratories • Others

\* Included in kit version

We reserve the right to make changes, improvements and modifications to products shown.

**EUTECH**  
INSTRUMENTS  
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**ISO 9001**  
CERTIFIED

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## Specifications

|                                 | 600                                                                                              | 610                          | 620                                      |
|---------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------|
| <b>pH</b>                       | Range                                                                                            | -2.00 to 20.00 pH            | -2.000 to 20.000 pH                      |
|                                 | Resolution                                                                                       | 0.1/0.01 pH                  | 0.1/0.01/0.001 pH                        |
|                                 | Rel. Accuracy ( $\pm 1$ LSD)                                                                     | $\pm 0.01$ pH                | $\pm 0.002$ pH                           |
| <b>mV</b>                       | Range                                                                                            | $\pm 2000$ mV                | $\pm 2000$ mV                            |
|                                 | Resolution                                                                                       | 0.1 mV                       | 0.1 mV                                   |
|                                 | Rel. Accuracy ( $\pm 1$ LSD)                                                                     | $\pm 0.2$ mV                 | $\pm 0.2$ mV                             |
| <b>Ion</b>                      | Range                                                                                            | No                           | 0.001 to 19900                           |
|                                 | Units                                                                                            | No                           | ppm, molar, mg/L                         |
|                                 | Resolution                                                                                       | No                           | 2 or 3 Digits                            |
|                                 | Rel. Accuracy                                                                                    | No                           | 0.5% FS (Monovalent)<br>1% FS (Divalent) |
| <b>Temp.</b>                    | Range                                                                                            | -10 to 110 °C / 14 to 230 °F |                                          |
|                                 | Resolution                                                                                       | 0.1 °C / 0.1 °F              |                                          |
|                                 | Rel. Accuracy                                                                                    | $\pm 0.5$ °C / $\pm 0.9$ °F  |                                          |
| <b>No. of Cal. Points</b>       | 1 (Offset) to 6 points                                                                           |                              |                                          |
| <b>Cal Due Alarm</b>            | Yes (Days - Max. 30)                                                                             |                              |                                          |
| <b>Set Point Alarm</b>          | Yes (2 set points)                                                                               |                              |                                          |
| <b>Auto Buffer Recognition</b>  | USA: 1.68, 4.01, 7.00, 10.01, 12.45                                                              |                              |                                          |
|                                 | NIST: 1.68, 4.01, 6.86, 9.18, 12.45<br>DIN: 1.09, 3.06, 4.65, 6.79, 9.23, 12.75; PWB: 4.10, 6.97 |                              |                                          |
| <b>Custom Buffer Cal.</b>       | Yes (2 to 5)                                                                                     |                              |                                          |
| <b>Temperature Compensation</b> | ATC/MTC (0 to 100 °C)                                                                            |                              |                                          |
| <b>Slope/Offset Display</b>     | Yes (Display + icon)                                                                             |                              |                                          |
| <b>Input pH</b>                 | BNC / 8 Pin round                                                                                |                              |                                          |
| <b>LCD Display</b>              | Back-lit dot matrix; 7.2 cm (H) x 5.4 cm (W)                                                     |                              |                                          |
| <b>Memory Sets</b>              | 500 (Non-volatile memory)                                                                        |                              |                                          |
| <b>GLP</b>                      | Yes                                                                                              |                              |                                          |
| <b>Communication</b>            | IrDA/RS232C (LED)                                                                                |                              |                                          |
| <b>Power</b>                    | 4 x 1.5 V "AA" Alkaline batteries or 9V DC adapter, 500 mA                                       |                              |                                          |
| <b>Auto-off</b>                 | 2 to 10 Minutes from last key pressed (selectable)                                               |                              |                                          |
| <b>Ingress Protection</b>       | IP67                                                                                             |                              |                                          |
| <b>Dimensions ; Weight</b>      | Meter: 183 mm x 95 mm x 57 mm ; 460 g                                                            |                              |                                          |
|                                 | Boxed: 235 mm x 160 mm x 155 mm ; 800 g                                                          |                              |                                          |

## Ordering Information

| Order No.    | Item                                                                                     |
|--------------|------------------------------------------------------------------------------------------|
| ECPHWP60001  | pH 600 pH/mV Meter with ATC Probe                                                        |
| ECPHWP60042K | pH 600 pH/mV Meter with pH Electrode, ATC Probe, Power Adapter & pH Carrying Kit Set     |
| ECPHWP61001  | pH 610 pH/mV Meter with ATC Probe                                                        |
| ECPHWP61042K | pH 610 pH/mV Meter with pH Electrode, ATC Probe, Power Adapter & pH Carrying Kit Set     |
| ECPHWP62001  | pH 620 pH/mV/Ion Meter with ATC Probe                                                    |
| ECPHWP62042K | pH 620 pH/mV/Ion Meter with pH Electrode, ATC Probe, Power Adapter & pH Carrying Kit Set |
| ECPHWPTEM01J | Temperature Probe ATC                                                                    |
| 01X030132    | Universal Power Adapter                                                                  |

DAS software is included in every purchase. pH Carrying Kit consists of a carrying case with 1 x pH 4.01, pH 7.00 buffer solutions, storage solution and 1 x deionised (rinse) water (60 ml each)

Eutech also provides meter accessories and calibration standards. Refer to separate brochures for information.

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