



# CyberScan pH Tutor



**Micro-processor Based Basic Bench pH Meter**



**CyberScan pH Tutor**  
pH / °C

- Simple to use
- Up to 3-point Calibration
- Automatic Buffer Recognition
- +/- 0.01 pH Accuracy



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# CyberScan pH Tutor -

## The Easy Choice for Basic pH Measurements!



### EASY-TO-READ DISPLAY

Custom dual line LCD (Liquid Crystal Display) provides optimum view of both pH and Temperature values.

### SPLASH-PROOF TACTILE KEYPAD

IP54-rated housing with splash-proof keypad protects the meter against accidental spills.

### ±0.01 pH ACCURACY

The meter delivers ±0.01 full-range pH accuracy for repeatable and stable readings.

### SIMPLE PUSH-BUTTON CALIBRATION

Calibration is a quick 2-step procedure at the touch of buttons. With the choice of 2 universal pH buffer sets with auto-buffer recognition, calibration error is eliminated. Meter prompts next pH buffer value automatically.

### AUTO/MANUAL TEMPERATURE COMPENSATION

With the use of an optional temperature probe, ATC mode ensures reliable readings under varying temperature conditions. While in the MTC mode, meter delivers accurate results at 25 °C reference temperature.

### SELF-DIAGNOSIS

This self-diagnostic meter prompts and guides user throughout with user-friendly message codes and graphical icons for easy operation. Electrode characteristics (pH slope/offset) can be viewed.

### WARRANTY

Eutech Instruments warrants its meter free from manufacturing defects for 1 years and electrodes for 6 months.

### ELECTRODE HOLDER (OPTIONAL)

Electrode stand with swivel arm holds multiple electrodes and is a space saver.

### BACK PANEL

Accessible neat panel for easy meter setup and cable connections.

### METER SPECIFICATIONS

| CyberScan pH Tutor            |   |
|-------------------------------|---|
| pH Range                      | 0.00 to 14.00 pH  |
| Resolution                    | 0.01 pH   |
| Accuracy                      | ±0.01 pH  |
| Temperature Range             | 0.0 to 100 °C   |
| Resolution                    | 0.1 °C  |
| Accuracy                      | ±0.3 °C   |
| Temperature Compensation      | Automatic / Manual (0 to 100 °C)<br>Default at 25 °C                      |
| Temperature Offset Adjustment | ±5.0 °C   |
| pH Buffer Options             | US Standard (pH 4.01, 7.00, 10.01)<br>NIST Standard (pH 4.01, 6.86, 9.18) |
| No. Of Calibration Points     | Up to 3 points  |
| Stability Indicator           | Yes (Ready)   |
| pH Slope & Offset Display     | Yes   |
| Self-diagnostic Messages      | Yes   |
| User reset                    | Yes   |
| Display                       | Custom Dual Line LCD  |
| Inputs                        | BNC, phono  |
| Power Requirements            | 9V DC adapter, 120 VAC or 220 VAC, 500 mA                                 |
| Dimension / Weight            | Meter: 18 x 23 x 6 cm ; 570g<br>Boxed: 40 x 26 x 9 cm ; 1200g             |

### ORDERING INFORMATION

| Order No.       | Item   |
|-----------------|--|
| EC-PHTUTOR      | CyberScan pH Tutor   |
| EC-FG73504-01B  | Glass body, single junction refillable pH combination electrode (1m cable)   |
| EC-FC72521-01B  | Plastic body, single junction sealed pH combination electrode (1m cable)     |
| EC-FC72521R-01B | Plastic body, single junction refillable pH combination electrode (1m cable) |
| EC-PH5-TEMB01P  | Temperature probe (1m cable) for ATC   |
| 60X030111       | AC/DC power adapter (120 VAC, 50/60 Hz)                                      |
| 60X030112       | AC/DC power adapter (220 VAC, 50/60 Hz)                                      |
| EC-PH-ELSTDC    | Electrode stand with swivel arm and base plate                               |
| EC-BU4BT        | pH 4.01 Buffer Solution (480 ml bottle)                                      |
| EC-BU7BT        | pH 7.00 Buffer Solution (480 ml bottle)                                      |
| EC-BU10BT       | pH 10.01 Buffer Solution (480 ml bottle)                                     |

The CyberScan series are registered under U.S. Patent #371,748. Patents outside U.S. are pending.

Eutech also provides meter accessories like general-purpose to specialty pH electrodes and calibration standards. Refer to separate brochures for information.

**Simple, economical yet precise**

**EUTECH**  
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**ISO 9001**  
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