

CyberScan

pH 6000

pH/pH FET/ORP/Temperature

Simply powerful

The Eutech CyberScan pH 6000 offers easy, single-channel operation for pH and ORP measurements without compromising on performance or features. Offers the same extended pH range (-2.000 to 20.000), with resolution adjustable to 0.001 and calibration of up to five points for exceptional accuracy (± 0.002).

The meter possesses extensive GLP capabilities with customisable printer or computer output and up to three thousand data sets logging capability per user. Print setup allows you to print exactly what you want, exactly when you want to so that it is not just a screen dump. Time can be displayed in 12- or 24-hour format and date can appear in U.S. or International formats.

Advanced communication capabilities allow you to send and receive information in the manner that best suit your lab's requirements. USB ports provide host/device capabilities—connect a keyboard, mouse, or trackball for even easier control of your meter; connect a printer or PC for data output.



Features

- Auto-calibrates with up to five pH buffers from three standard sets and fifteen different buffers; also accepts custom buffers and manual calibration.
- Wide pH and mV measurement range: -2.000 to 20.000 pH and ± 2000.0 mV.
- 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.
- 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.

Specifications

Display	640x480 digit LCD 4 1/2" x 6"
screen size	extensive
menu options	extensive
help screens	yes
configurable display	context specific touchscreen
keypad controls	
General	
inputs/outputs	BNC, ATC, DIN (FET) RS232, USB-B, USB-A, RJ45
electrical requirements	115 V/60 Hz, 230 V/50 Hz
output from PSU	9VDC, 3.3A center negative
line voltage tolerance	$\pm 10\%$
input impedance	$>10^{12}$ ohms
meter size	16.5 x 23.5 x 9cm
meter weight	1.2 kg
Memory	10,000 data pts
internal diagnostics	yes
programmable data storage	store on stable, time, manual
programmable data output	timed or logged data
print interval	3 to 86400 sec
programmable alarm	yes

pH Mode	
range	-2.000 to 20.000
resolution	0.1/0.01/0.001
relative accuracy	$\pm 0.1/0.01/0.002 + 1$ LSD
automatic buffer recognition	yes
manual buffer recognition	yes
calibration points	5
auto lock	yes
FET	yes
mV Mode	
range	± 2000.0
resolution	0.1
accuracy	± 0.2
Temperature Mode	
range	-5.0 to +105.0 °C
resolution	0.1 °C
accuracy	± 0.2 °C
Operating Conditions	
operating temperature	5-45 °C
operation humidity	5-80 % non-condensing
maximum operating altitude	2000m
installation category	II
pollution category degree	2
Dimensions/Weight	
Meter Size	16.5 x 23 x 8.9 cm
Meter Weight	1100 g

Order Information

EC-PH6000/42S

CyberScan PH 6000 Bench pH/pH FET/mV USB, RJ 45, IrDA, SD card reader, RS232 Meter with pH electrode (EC620130), ATC probe (EC62019), integral electrode holder, pH buffer sachets and SMPS power adapter.

