CyberScan 6000 Series

Bench Meters

• pH • pH FET • ORP • Ion • Conductivity • TDS • Salinity
• Resistivity • Dissolved Oxygen • BOD (OUR,SOUR)

SOLUTIONS FOR WATER ANALYSIS

EUTECH INSTRUMENTS
Technology Made Easy ...

Corporate Profile

EUTECH INSTRUMENTS
Technology Made Easy ...

| Over 15 Years of Product Excellence | Eutech Instruments is a leading ISO9001-certified company established in 1990. Dedicated to the design and manufacture of sensor-based instruments for water quality analysis, Eutech is a pioneer in the development of ASIC-based (Application Specific Integrated Circuit) instruments, and is internationally recognised for its achievements in sensor technology, software programming and product design. Eutech has an extensive product line, which includes the world's first Windows® CE-driven colour touchscreen research-grade bench meter, as well as instruments with proprietary patents and trademarks.

| Commitment to R&D | Eutech's competitiveness comes from our strong commitment to R&D. This is backed by a dedicated team of scientists and engineers who thrives on meeting new technological challenges to simplify laboratory and field analytical procedures. The Eutech team is constantly driven to explore the latest technologies and applying them in our design and manufacture of advanced instruments. The result is a unique line of products that are accurate, consistent, reliable and easy to use.

| Comprehensive Product Line | Eutech's constant drive for innovation is reason for our unique and expansive portfolio of microprocessor-based instruments and chemical sensor systems. We offer a comprehensive range of laboratory and field instruments for electrochemical and photometric water analysis. Eutech also manufactures continuous on-line process instruments for the monitoring and control of pH, Conductivity, Total Dissolved Solids (TDS), Redox Potential (ORP), Dissolved Oxygen (DO) and other water quality parameters.

Eutech products range from compact pocket testers and portable meters to research-grade benchtop meters and industrial process controllers. Each product carries the signature Eutech intuitive design and is packed with advanced user-friendly features.

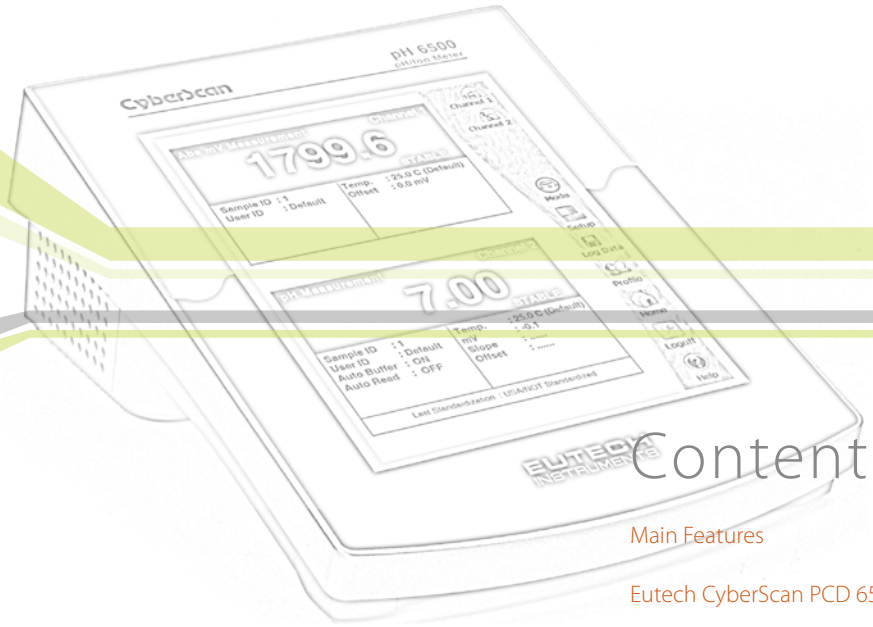
| Customer Focus | Every Eutech innovation is conceptualised with the user in mind. This, coupled with our strategic location in the design and technology hub of Asia, has enabled the company to produce cutting edge instruments at competitive prices. Our consistent demonstration of insight into customer needs and product demands has earned the company consecutive Frost & Sullivan Market Engineering awards for Product Line Strategy.

Driven by a successful Total Customer Satisfaction Program incorporated in the ISO9001:2000 Quality System, all products undergo extensive testing and calibration by a qualified team of technical experts. Stringent quality control measures guarantee consistency, durability and performance. Eutech products are certified to comply with various global testing standards.

| Forging New Frontiers in Water Analysis | Underlying Eutech's objective to be a world leader in the field of water analysis instrumentation, the company adopts a proactive stand in anticipating the needs of the industry. With increasing global awareness and concern for water quality, the future provides new and exciting challenges and opportunities. To realize the potential of advanced water analytical technologies, Eutech will continue to forge close links and strategic alliances with research institutions, government agencies and private sector firms worldwide. These efforts support the Eutech mission – to make advanced technology easy to use.

| Global Reach | Eutech products are marketed in over seventy countries worldwide, through an extensive network of associate companies and distributors, with manufacturing facilities in Singapore and Malaysia. Eutech Instruments Singapore has a full-fledged value-chain operation which comprises R&D, manufacturing, marketing, customer service and logistics for worldwide support to customers.

| Thermo Fisher Scientific | Eutech is part of Thermo Fisher Scientific, the world leader in serving science. Thermo Fisher Scientific enables customers to make the world healthier, cleaner and safer by providing analytical instruments, equipment, reagents and consumables, software and services for research, analysis, discovery and diagnostics. With annual sales of more than $9 billion, Thermo Fisher Scientific has 30,000 employees and serves more than 350,000 customers in pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies as well as environmental, industrial quality and process control settings.



Contents

Main Features >> 04

Eutech CyberScan PCD 6500 >> 06

Eutech CyberScan PC 6500 & pH 6500 >> 07

Eutech CyberScan PC 6000 & pH 6000 >> 08

Eutech CyberScan CON 6000 & DO 6000 >> 09

Accessories >> 10

Ordering Information >> 12

Specification Tables >> 14

World's First Windows® CE-Driven Full-Colour Touchscreen 21 CFR Part 11-Compliant Bench Meter

RS232 Communication Port:
For data connectivity to 21 CFR Part 11 application software

RJ45:
Internet or network connection for quick online research and email access

SD Card Slot:
For expanded data storage memory*

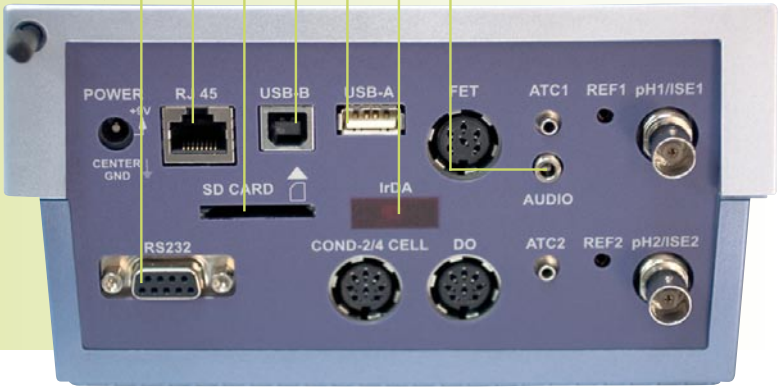
USB-B:
Connect to PC for direct file transfers

USB-A:
Connect peripherals such as a keyboard, mouse, printer or USB flash drives*

IrDA:
For wireless data transfer

Audio:
Audio output for multimedia files

** Memory card and flash drive available as separate accessories. See page 13 for more information.*



Real-Time On-Screen Graphing Function
Quick, convenient graphical analysis of data on-the-spot – especially useful in applications such as titration

Advanced Communications Capabilities
Extensive communications capabilities that allow you to send data to any computer in the world directly from your meter!

Bar Code Scanning
For improved sample management

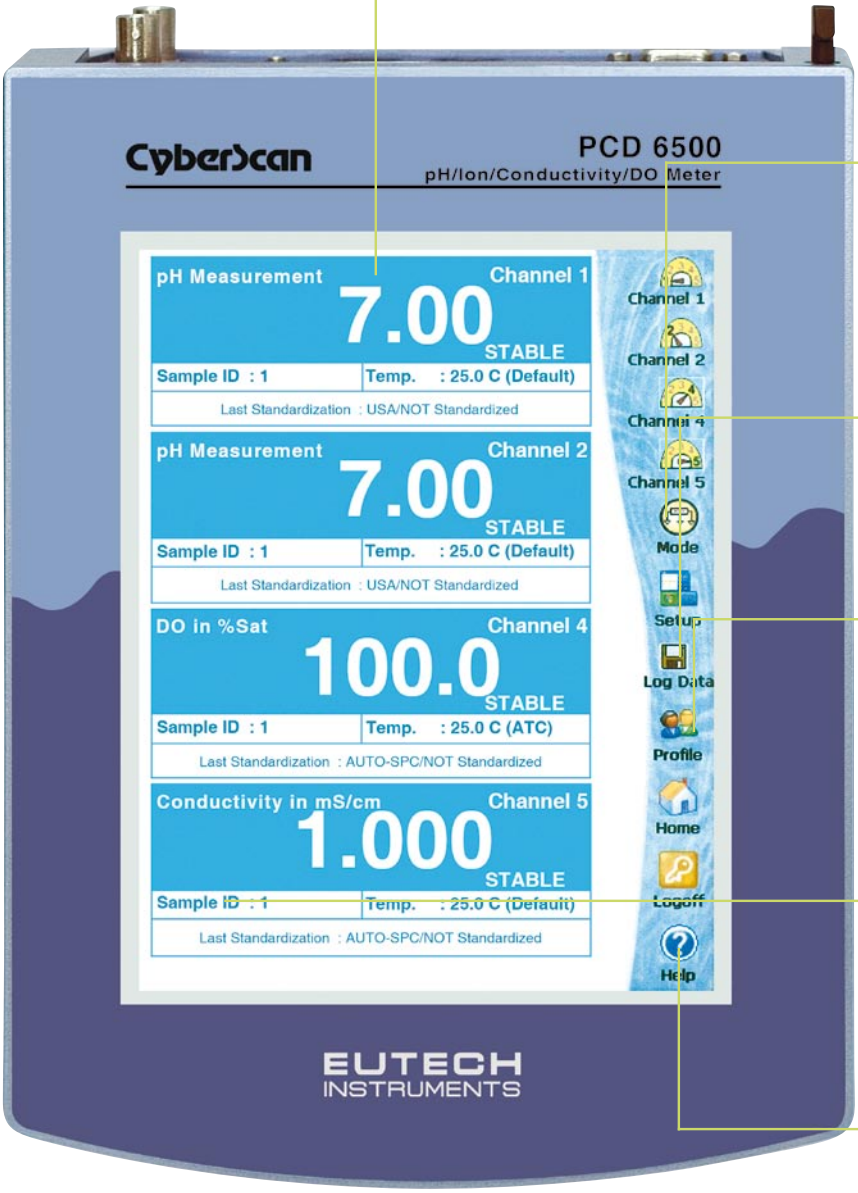
Microsoft Windows Interface
Familiar, intuitive and easy to use

Send Data To Any Computer In The World Directly From The Meter!

Windows® is a registered trademark of Microsoft Corporation in the United States and other countries

Main Features

- IP67 Waterproof
- Easy To Use
- 3-Year Warranty
- Quick, Stable & Accurate Results
- Full-Range Accuracy
- User-Customisation



Measure and View up to four parameters at the same time with no cross-channel interference

Choose to View Data in 3 Different Displays or switch between parameters effortlessly with the press of a button – meter presents data in multi-channel, single-channel or graphical analysis displays

Biggest Storage Space Offered in the Industry!
Mega-memory stores up to 10,000 data sets (1,000 per parameter)

Password Protected Access and Customization for up to Ten Users
10 password-protected logins with settings and data stored separately, so there is no need for meter recalibration each time you switch user or electrode

Built For GLP-Compliance Research
Extensive data-logging capabilities that allow optimal traceability of data sets stamped with time, date and sample IDs

Foolproof Navigation
Touchscreen colour display with user-friendly icons, intelligent prompts and context-specific "Help" screen to guide you through each operation

Eutech CyberScan PCD 6500

CyberScan PCD 6500

pH / pH FET / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / Dissolved Oxygen / BOD (OUR, SOUR) / Temperature

Top-of-the-line, research-grade CyberScan PCD 6500 touchscreen meter measures and displays up to four channels at one time. With 10 measurement parameters to choose from, the PCD 6500 is engineered with advanced design that prevents cross-talk or other interference. Plus, automatic five-day BOD testing capability with sample identity, as well as extensive communications features that allow you to send your data to any computer in the world via internet – directly from the meter!

- Measure and view up four channels at the same time with no cross channel interference
- Wide pH and mV measurement ranges
- Pre-programmed ISE-type selection
- 'Direct/Indirect', 'Known Addition/Subtraction' and 'Analate Addition/Subtraction' Ion measurement methods in ppm, % mg/mL and mol/mL
- Automatic five-day BOD testing, OUR and SOUR with EPA-compliant self-stirring probe
- Single-point and multi-point standardization for Conductivity, TDS, Salinity and Resistivity measurements using 2-cell and 4-cell probes
- Built-in replatinising circuit – quick, replatinisation in less than 5 minutes
- Windows® CE-driven, full-colour touchscreen with user-friendly icons, prompt messages and context-specific trouble-shooting screens

Applications: • Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

Eutech CyberScan PC 6500 & pH 6500

CyberScan PC 6500

pH / pH FET / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / Temperature
Simplify lab work with the multi-channel capabilities of Eutech's CyberScan PC 6500. Advanced design ensures that readings are unaffected by cross-talk or interference; extensive communications functions allow you to send your data from meter to any computer, in any method and format you want!

- Measure and view up three channels at the same time with no cross channel interference
- Wide pH and mV measurement ranges
- Pre-programmed ISE-type selection
- 'Direct/Indirect', 'Known Addition/Subtraction' and 'Analate Addition/Subtraction' Ion measurement methods in ppm, % mg/mL and mol/mL
- Single-point and multi-point standardization for Conductivity, TDS, Salinity and Resistivity measurements using 2-cell and 4-cell probes
- Built-in replatinising circuit – quick, replatinisation in less than 5 minutes
- Windows® CE-driven, full-colour touchscreen with user-friendly icons, prompt messages and context-specific trouble-shooting screens

Applications: • Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

CyberScan pH 6500

pH / pH FET / ORP / Ion / Temperature
Ion-selective electrode measurement has never been this easy. Harvesting the sophisticated features of pH 6000, the CyberScan pH 6500 comes with dual-channel capability, so there is no need to recalibrate every time you switch from pH to ISE measurement. Advanced internet communications features allow you to send and receive information directly in any format to any computer you want.

- Measure and view up two channels at the same time with no cross channel interference
- Accepts standard BNC pH glass electrodes and DIN pH ISFET electrodes – no need for adapters
- Wide pH and mV measurement ranges
- Pre-programmed ISE-type selection
- 'Direct/Indirect', 'Known Addition/Subtraction' and 'Analate Addition/Subtraction' Ion measurement methods in ppm, % mg/mL and mol/mL
- Built-in replatinising circuit – quick replatinisation in less than 5 minutes
- Windows® CE-driven, full-colour touchscreen with user-friendly icons, prompt messages and context-specific trouble-shooting screens

Applications: • Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

CyberScan PC 6000

pH / pH FET / ORP / Conductivity / TDS / Salinity / Resistivity / Temperature
The CyberScan PC 6000 simplifies intricate lab work! For quick, accurate measurements of pH and conductivity, simply place pH and conductivity cells into the same solution – no fear of cross-talk between the two parameters. Measure conductivity, resistivity, TDS and salinity with 2-cell probes or versatile 4-cell probes for greater linearity over a wide range. The PC 6000 is compatible with a wide array of Eutech conductivity cells and features selectable cell constants that allows you to measure from ultrapure water to brine and concentrated solutions

- Measure and view up two channels at the same time with no cross channel interference
- Wide pH and mV measurement ranges
- Single-point and multi-point standardization for Conductivity, TDS, Salinity and Resistivity measurements using 2-cell and 4-cell probes
- Built-in replatinising circuit – quick, replatinisation in less than 5 minutes
- Windows® CE-driven, full-colour touchscreen with user-friendly icons, prompt messages and context-specific trouble-shooting screens

Applications: • Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

Eutech CyberScan PC 6000 & pH 6000

CyberScan pH 6000

pH / pH FET / ORP / Temperature
The Eutech CyberScan 6000 offers easy, single-channel operation for pH or ORP measurements without compromising on performance or features. With extensive communications capabilities, now you can choose to send data directly with your meter in any way you want, to any computer in the world!

- Auto-calibrates with up to five pH buffers from three standard sets and fifteen different buffers. Meter also accepts custom buffers and manual calibration
- Wide pH and mV measurement ranges
- Windows® CE-driven, full-colour touchscreen with user-friendly icons, prompt messages and context-specific trouble-shooting screens

Applications: • Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

CyberScan CON 6000

Conductivity / TDS / Salinity / Resistivity / Temperature
Measure conductivity, total dissolved solids, salinity, resistivity and temperature, all with one powerful meter!

The versatile CyberScan CON 6000 is compatible with a variety of Eutech conductivity cells, and accepts simple 2-cell probes or versatile 4-cell probes for greater linearity over a broad range of measurements. Selectable cell constants allow you to measure from ultrapure water to brines and other concentrated solutions.

- Single-point and multi-point standardization for Conductivity, Resistivity, TDS, Salinity measurements using 2-cell and 4-cell probes
- Built-in replatinising circuit – quick, replatinisation in less than 5 minutes
- Extensive setup screens allow customization according to your measurement needs
- Windows® CE-driven, full-colour touchscreen with user-friendly icons, prompt messages and context-specific trouble-shooting screens

Applications: • Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

Eutech CyberScan CON 6000 & DO 6000

CyberScan DO 6000

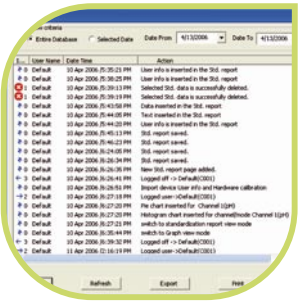
Dissolved Oxygen / BOD (OUR, SOUR) / Temperature
The CyberScan DO 6000 is powerful yet easy to use with its touchscreen simplicity and versatility. Simply enter seed value along with other relevant BOD data, and let your DO 6000 do the rest. With on-screen prompts and self-stirring probe, analysis with BOD, SOUR and OUR methods are a breeze. Correction of temperature, salinity and barometric pressure is automatic, giving you unparallel accuracy over a large measurement range.

- Automatic five-day BOD testing with sample ID with self-stirring probe that complies with EPA method requirements
- Wide DO measurement range from 0 to 60 mg/L and 0 to 600 % saturation
- Extensive setup screens allow customization according to your measurement needs
- Windows® CE-driven, full-colour touchscreen with user-friendly icons, prompt messages and context-specific trouble-shooting screens

Applications: • Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

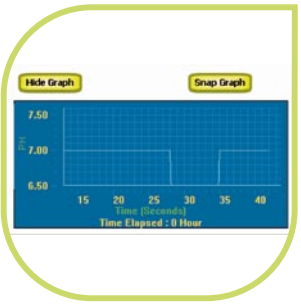
Eutech CyberScan

6000 Series Bench Accessories



View and Backup Detailed Activity Log for Auditing

Share and Use Existing Standardization Available in your CyberComm



Snap Shot and Real-Time Graphing Capabilities

| CyberComm 6000 | From the manufacturer of the world's first Windows® CE-driven, full-colour, touchscreen premium research-grade meters comes CyberComm 6000 – a powerful, comprehensive data management software designed in compliance with FDA's 21 CFR Part 11 regulations. With the CyberComm 6000 software, you can now expand the memory space of your meter to your personal computer's hard-disk and allow the management of multiple projects under each individual ID login. Password security protects each ID login from tampering and accidental data deletion, yet allowing IDs in the meter to share common calibration settings.

Easy to Use

The main window of the CyberComm 6000 is designed to look identical to the screen of the CyberScan 6000 meter display. Upon connecting the meter to your computer and launching the software, you can continue working on the meter through the screen of your computer as you would on the meter.

Other Advantages of the Software:

- Records every detail down to each single click executed, and generates a full audit-trail report on demand, accessible only by the Administrator
- Generates comprehensive reports of your project in print-friendly format, or simply translate your data into Microsoft Excel format with a mouse-click
- Capture snap-shots of your graphs in action while projects are running
- Automatically detects electrodes and calibration solutions used during projects (user-assigned serial numbers)
- Automatically prints electronic signature with each report print-out generated
- Allows real-time data-logging and real-time graph, right from the comforts of your computer

The CyberComm 6000 is sold separately. Each software CD comes with a software license number to match the serial number of your instrument.

Please quote instruments' serial numbers when placing orders.

CyberComm 6000
21 CFR Part 11
Application Software

Electrodes

pH Buffer Solutions

pH Buffer Sachets

| Electrodes | Eutech offers an extensive selection of epoxy and glass-body electrodes for a wide range of parameters and applications. Combination designs are convenient and require no separate sensing and reference half-cell electrodes.

| Buffer & Calibration Solutions (480 ml) | Eutech Buffers and Calibration Solutions are available in packs of 480 ml durable plastic bottles – economical and convenient for laboratory use.

(MSDS and COA can be downloaded under "Support" at http://www.eutechinst.com)

| Calibration Sachets (20 x 20 ml Per Box) | Economical NIST traceable sachets offer quick, accurate and convenient calibration. Simply insert electrode into sachet pack, calibrate, rinse and discard sachet – no separate container needed!

| Standard SD Memory Card (256 MB) | One tiny card stores up to 258 MB worth of data – great for quick data transfer and built to last with an operating shock rating of 2000 Gs.

| USB Flash Drive (256 MB) | Carry your data anywhere with these small, compact and highly portable USB flash drives. No software installation required – flash drives are Hi-Speed USB 2.0 certified, so all you need to do is to plug into your CyberScan 6000 series meter or computer to copy and transfer data.

Standard SD Memory Card

USB Flash Drive

Eutech CyberScan 6000 Series Bench

Ordering Information

Meters

	Model	Order Code	Part No.	Description
6500 Series	PCD	ECPCD650044S	01X374106	Color Touchscreen CyberScan PCD 6500 4 Channel pH/pH FET/ORP/Ion/ Conductivity/Resistivity/TDS/Salinity/DO/BOD/OUR/SOUR RS232, USB, IrDA Meter with pH Electrode EC620130, Conductivity Electrode EC620165, ATC Electrode EC62019, DO/BOD Electrode EC620SSP, Electrode Holder & SMPS Power Adapter
	PCD	ECPCD650042S	01X374107	Color Touchscreen CyberScan PCD 6500 4 Channel pH/pH FET/ORP/Ion/ Conductivity/Resistivity/TDS/Salinity/DO/BOD/OUR/SOUR RS232, USB, IrDA Meter with DO/BOD Electrode EC620SSP, Electrode Holder & SMPS Power Adapter
	PC	ECPC650043S	01X374005	Color Touchscreen CyberScan PC 6500 3 Channel pH/pH FET/ORP/Ion/ Conductivity/Resistivity/TDS/Salinity RS232, USB, IrDA Meter with pH Electrode EC620130, Conductivity Electrode EC620165, ATC Electrode EC62019, Electrode Holder & SMPS Power Adapter
	PC	ECPC650040S	01X374006	Color Touchscreen CyberScan PC 6500 3 Channel pH/pH FET/ORP/Ion/ Conductivity/Resistivity/TDS/Salinity RS232, USB, IrDA Meter with Electrode Holder & SMPS Power Adapter
	pH	ECPH650042S	01X373705	Color Touchscreen CyberScan pH 6500 2 Channel pH/pH FET/ORP/Ion RS232, USB, IrDA Meter with pH Electrode EC620130, ATC Electrode EC62019, Electrode Holder & SMPS Power Adapter
	pH	ECPH650040S	01X373706	Color Touchscreen CyberScan pH 6500 2 Channel pH/pH FET/ORP/Ion RS232, USB, IrDA Meter with Electrode Holder & SMPS Power Adapter
6000 Series	PC	ECPC600043S	01X373605	Color Touchscreen CyberScan PC 6000 2 Channel pH/pH FET/ORP/ Conductivity/Resistivity/TDS/Salinity RS232, USB, IrDA Meter with pH Electrode EC620130, Conductivity Electrode EC620165, ATC Electrode EC62019, Electrode Holder & SMPS Power Adapter
	PC	ECPC600040S	01X373606	Color Touchscreen CyberScan PC 6000 2 Channel pH/pH FET/ORP/ Conductivity/Resistivity/TDS/Salinity RS232, USB, IrDA Meter with Electrode Holder & SMPS Power Adapter
	pH	ECPH600042S	01X373505	Color Touchscreen CyberScan pH 6000 pH/pH FET/ORP RS232, USB, IrDA Meter with pH Electrode EC620130, ATC Electrode EC62019, Electrode Holder & SMPS Power Adapter
	pH	ECPH600040S	01X373506	Color Touchscreen CyberScan pH 6000 pH/pH FET/ORP RS232, USB, IrDA Meter with Electrode Holder & SMPS Power Adapter
	CON	ECCON600043S	01X373805	Color Touchscreen CyberScan Con 6000 Conductivity/Resistivity/TDS/ Salinity RS232, USB, IrDA Meter with Conductivity Electrode EC620165, Electrode Holder & SMPS Power Adapter
	CON	ECCON600040S	01X373806	Color Touchscreen CyberScan Con 6000 Conductivity/Resistivity/TDS/ Salinity RS232, USB, IrDA Meter with Electrode Holder & SMPS Power Adapter
	DO	ECDO600042	01X373905	Color Touchscreen CyberScan DO 6000 DO/BOD/OUR/SOUR RS232, USB, IrDA Meter with DO/BOD Electrode EC620SSP & SMPS Power Adapter

Meter Plays Media Files

Electrodes & Accessories

Model	Order Code	Part No.	Description
pH	EC620130	01X218972	Glass Body, Refillable, Open Pore (10 ml Electrolyte 620-430 Included)
pH	EC62019	01X306504	ATC Probe, 1 m Cable
pH	93X218980	93X218980	CONEFET pH Electrode, Epoxy Body, DIN Connector, Ø10 mm x 200 mm, 1.5 m Cable
pH	93X218981	93X218981	CUPFET pH Electrode, Epoxy Body, DIN Connector, Ø10 mm x 200 mm, 1.5 m Cable
pH	93X218982	93X218982	SURFET pH Electrode, Epoxy Body, DIN Connector, Ø10 mm x 200 mm, 1.5 m Cable
pH	93X218983	93X218983	LANCEFET pH Electrode, Epoxy Body, DIN Connector, Ø10 mm x 200 mm, 1.5 m Cable
ISE	ECNH30101B	93X035100	Ammonia Gas Sensor
ISE	ECNH40301B	93X218736	Ammonium Combination Epoxy
ISE	ECFO0301B	93X218723	Fluoride Combination Epoxy
ISE	ECNO30301B	93X218739	Nitrate Combination Epoxy
ISE	ECNA0201B	93X218714	Sodium Combination Glass
ISE	ECCLO0301B	93X218717	Chloride Combination Epoxy
CON	EC620165	93X219046	Epoxy-Body 4-Ring Conductivity Electrode, Cell Constant K=1.0, DIN Connector, 1 m Cable
CON	EC620100	93X219060	Epoxy-Body 2-Ring Conductivity Electrode, Cell Constant K=1.0, DIN Connector, 1 m Cable
CON	EC620101	93X219059	Epoxy-Body 2-Ring Conductivity Electrode, Cell Constant K=0.1, DIN Connector, 1 m Cable
CON	EC620102	93X219061	Epoxy-Body 2-Ring Conductivity Electrode, Cell Constant K=10, DIN Connector, 1 m Cable
CON	EC620163	93X219045	Glass-Body 4-Ring Conductivity Electrode, Cell Constant K=1.0, DIN Connector, 1 m Cable
CON	EC620164	93X219057	Glass-Body 4-Ring Conductivity Electrode, Cell Constant K=10.0, DIN Connector, 1 m Cable
CON	EC620166	93X219047	Epoxy-Body 4-Ring Conductivity Electrode, Cell Constant K=10.0, DIN Connector, 1 m Cable
DO	EC620SSP	01X295704	DO/BOD Electrode with Self-Stirring Mechanism, 1 m Cable
Others	ECDAS6000	01X415501	CyberComm 6000 21 CFR Part 11 Compliant 6000 Series Application Software
Others	ECPHELSTDC	01X081600	Electrode Stand with Swivel Arm
Others	ECCA02M09F09	30X219503	RS232 Communication Cable: 9-Pin Male to 9-Pin Female Connector, 1 m Cable
Others	60X030128	60X030128	Adapter, SMPS, 100/240 VAC, 9 V, 3.3 A, CENTRE -ve, with 2-Pin Power Cord
Others	01X420001	01X420001	USB Flash Drive, 256 MB
Others	01X419901	01X419901	SD Memory Card, 256 MB, Sandisk

Touchscreen Keypad for Easy Data Input

Direct Printing of Data During Measurement

Eutech CyberScan 6000 Series Bench
Specification Tables

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

Eutech reserves the right to make changes, improvements and modifications to products shown.

Multi-Parameter Bench Meters			PCD 6500	PC 6500	PC 6000
pH	Range		-2.000 to 20.000 pH		
	Resolution		0.1, 0.01, 0.001 pH		
	Accuracy		±0.1, 0.01, 0.002 pH + 1 LSD		
	No. Of Calibration Points		5		
	pH Buffer Sets		USA: 2.00, 4.00, 7.00, 10.00, 12.00 NIST: 1.68, 4.01, 6.86, 9.18, 12.45 Euro: 1.00, 3.00, 6.00, 8.00, 10.00, 13.00		
	Automatic Buffer Recognition		Yes		
	Manual Buffer Recognition		Yes		
	FET		Yes		
mV	Range		±2000.0 mV		
	Resolution		0.1 mV		
	Accuracy		±0.2 mV		
Relative mV	Range		±2000.0 mV		
	Resolution		0.1 mV		
	Accuracy		±0.2 mV		
	No. Of Calibration Points		1		
	Methods		Set default reading to zero or set relative mV		
Ion	Range		1×10^{-6} to 9.99×10^{10}		–
	Resolution		2, 3, 4 digits		–
	Accuracy		±0.17 % full scale (monovalent) ±0.34 % full scale (divalent)		–
	No. Of Calibration Points		5		–
	Incremental Methods		KA, KS, AA, SS		–
Conductivity	Conductivity	Range	.. to 200.0 µS/cm 200.0 µS/cm to 2.000 mS/cm 2.000 to 20.00 mS/cm 20.00 to 500.0 mS/cm		
		Resolution	0.001, 0.01, 0.1 µS/cm, 0.001, 0.01, 0.1 mS/cm		
		Accuracy	0.5 % full scale + 1 LSD		
	TDS	Range	.. to 200.0 ppm 200.0 to 2000 ppm 2.000 to 20.00 ppt 20.00 to 200.00 ppt (depending on TDS factor)		
		Resolution	0.001, 0.01, 0.1 ppm 0.001, 0.01, 0.1 ppt		
		Accuracy	0.5 % full scale + 1 LSD		
	Salinity	Range	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt
		Resolution	0.1, 0.01, 0.001 ppt		
		Accuracy	0.5 % full scale + 1 LSD		
	Resistivity	Range	.. to 20.00 kΩ 20.00 kΩ to 200.0 kΩ 200.0 kΩ to 2.000 mΩ 2.000 mΩ to 100.0 mΩ		
		Resolution	0.1, 0.01, 0.001 kΩ 0.01, 0.001 mΩ		
		Accuracy	0.5 % full scale + 1 LSD		
	No. Of Calibration Points		4 (1 per range) auto (Conductivity only) 4 (1 per range) manual		
	Cell Constant		0.1, 1.0, 10.0		
	Temperature Coefficient (per °C)		0.000 to 10.000 %		
	Normalisation Temperature		15.0 to 30.0		
Dissolved Oxygen	Range		0 to 60 mg/L or ppm (0 to 1272 mbar)	–	
	Resolution		0.01 mg/L or ppm (0.1 mbar)	–	
	Accuracy		±0.1 + 1 LSD	–	
	No. Of Calibration Points		2 (0 mg/L, 8.26 mg/L)	–	

Multi-Parameter Bench Meters			PCD 6500	PC 6500	PC 6000
% Saturation Of Oxygen	Range		0 to 600 %	–	
	Resolution		0.1 %	–	
	Accuracy		±0.1 % + 1 LSD	–	
	No. Of Calibration Points		2 (0 %, 100 %)	–	
Barometric Pressure Correction	Range		450 to 825 mmHg	–	
	Resolution		1 mmHg	–	
	Accuracy		±1 mmHg + 1 LSD	–	
Salinity Correction	Range		.. to 45 ppt	–	
	Resolution		0.1 ppt	–	
Temperature	Range		5.0 to +105.0 °C		
	Resolution		0.1 °C		
	Accuracy		±0.2 °C		
Meter Features	Display	No. Of Channels	4	3	2
		LCD	640 x 480 x digit ; 4½" x 6" ; extensive help screen		
		Keypad Controls	Context specific touchscreen		
	Input/Output	BNC, ATC, DIN (FET)	Yes		
		DIN (Conductivity)	Yes		
		DIN (Dissolved Oxygen)	Yes	–	
		RS232, USB-B, USB-A, RJ45, SD Reader	Yes		
	Temperature Compensation		ATC/MTC (-5 to 100 °C) (Meter)		
	Electrical Requirement		115 V / 60 Hz, 230 V / 50 Hz		
	Output From PSU		9 V DC, 3.3 A center negative		
	Line Voltage Tolerance		±10 %		
	Input Impedance		>10 (12)		
	Auto Read		Yes		
	Memory	Memory Points	1000 data sets per parameter		
		Programmable Data Storage	Store on stable, time, manual		
		Programmable Data Output	Timed or logged data		
		Print Interval	3 to 86400 s		
		Programmable Alarm	Yes		
	Operating Conditions	Operating Temperature	5 to 45 °C		
		Operating Humidity	5 to 80 % non-condensing		
		Maximum Operating Altitude	2000 m		
		Installation Category	II		
		Pollution Category Degree	2		
Power Requirements			9 V DC adapter, 3.3 A (100/240 VAC, SMPS)		
Dimensions (LxWxH); Weight		Meter	16.5 x 23.5 x 8.9 cm ; 1100 g		
		Boxed	49 x 28 x 16 cm ; 3700 g		

<< Lab Course Work

<< Food Processing

<< Wastewater

pH Bench Meters			pH 6500	pH 6000
pH	Range		-2.000 to 20.000 pH	
	Resolution		0.1, 0.01, 0.001 pH	
	Accuracy		±0.1, 0.01, 0.002 pH + 1 LSD	
	No. Of Calibration Points		5	
	pH Buffer Sets		USA: 2.00, 4.00, 7.00, 10.00, 12.00 NIST: 1.68, 4.01, 6.86, 9.18, 12.45 Euro: 1.00, 3.00, 6.00, 8.00, 10.00, 13.00	
	Automatic Buffer Recognition		Yes	
	Manual Buffer Recognition		Yes	
	FET		Yes	
mV	Range		±2000.0 mV	
	Resolution		0.1 mV	
	Accuracy		±0.2 mV	
Relative mV	Range		±2000.0 mV	
	Resolution		0.1 mV	
	Accuracy		±0.2 mV	
	No. Of Calibration Points		1	
	Methods		Set default reading to zero or set relative mV	
Ion	Range		1 x 10^{-6} to 9.99 x 10^{10}	-
	Resolution		2, 3, 4 digits	-
	Accuracy		±0.17 % full scale (monovalent) ±0.34 % full scale (divalent)	-
	No. Of Calibration Points		5	-
	Incremental Methods		KA, KS, AA, SS	-
Temperature	Range		5.0 to +105.0 ºC	
	Resolution		0.1 ºC	
	Accuracy		±0.2 ºC	
Meter Features	Display	No. Of Channels	1	
		LCD	640 x 480 x digit ; 4½" x 6" ; extensive help screen	
		Keypad Controls	Context specific touchscreen	
	Input/Output	BNC, ATC, DIN (FET)	Yes	
		RS232, USB-B, USB-A, RJ45, SD Reader	Yes	
	Temperature Compensation		ATC/MTC (-5 to 100 °C) (Meter)	
	Electrical Requirement		115 V / 60 Hz, 230 V / 50 Hz	
	Output From PSU		9 V DC, 3.3 A center negative	
	Line Voltage Tolerance		±10 %	
	Input Impedance		>10 (12)	
	Auto Read		Yes	
	Memory	Memory Points	1000 data sets per parameter	
		Programmable Data Storage	Store on stable, time, manual	
		Programmable Data Output	Timed or logged data	
		Print Interval	3 to 86400 s	
		Programmable Alarm	Yes	
	Operating Conditions	Operating Temperature	5 to 45 °C	
		Operating Humidity	5 to 80 % non-condensing	
		Maximum Operating Altitude	2000 m	
		Installation Category	II	
		Pollution Category Degree	2	
Power Requirements			9 V DC adapter, 3.3 A (100/240 VAC, SMPS)	
Dimensions (LxWxH); Weight		Meter	16.5 x 23.5 x 8.9 cm ; 1100 g	
		Boxed	49 x 28 x 16 cm ; 3700 g	

Conductivity Bench Meter			CON 6000
Conductivity	Conductivity	Range	.. to 200.0 µS/cm 200.0 µS/cm to 2.000 mS/cm 2.000 to 20.00 mS/cm 20.00 to 500.0 mS/cm
		Resolution	0.001, 0.01, 0.1 µS/cm, 0.001, 0.01, 0.1 mS/cm
		Accuracy	0.5 % full scale + 1 LSD
	TDS	Range	.. to 200.0 ppm 200.0 to 2000 ppm 2.000 to 20.00 ppt 20.00 to 200.00 ppt (depending on TDS factor)
		Resolution	0.001, 0.01, 0.1 ppm 0.001, 0.01, 0.1 ppt
		Accuracy	0.5 % full scale + 1 LSD
	Salinity	Range	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 8.0 11.50 to 90.00 ppt
		Resolution	0.1, 0.01, 0.001 ppt
		Accuracy	0.5 % full scale + 1 LSD
	Resistivity	Range	.. to 20.00 kΩ 20.00 kΩ to 200.0 kΩ 200.0 kΩ to 2.000 mΩ 2.000 mΩ to 100.0 mΩ
		Resolution	0.1, 0.01, 0.001 kΩ 0.01, 0.001 mΩ
		Accuracy	0.5 % full scale + 1 LSD
	No. Of Calibration Points		4 (1 per range) auto (Conductivity only) 4 (1 per range) manual
	Cell Constant		0.1, 1.0, 10.0
	Temperature Coefficient (per °C)		0.000 to 10.000 %
	Normalisation Temperature		15.0 to 30.0
Temperature	Range		5.0 to +105.0 °C
	Resolution		0.1 °C
	Accuracy		±0.2 °C
Meter Features	Display	No. Of Channels	1
		LCD	640 x 480 x digit ; 4½" x 6" ; extensive help screen
		Keypad Controls	Context specific touchscreen
	Input/Output	DIN (Conductivity)	Yes
		RS232, USB-B, USB-A, RJ45, SD Reader	Yes
	Temperature Compensation		ATC/MTC (-5 to 100 °C) (Meter)
	Electrical Requirement		115 V / 60 Hz, 230 V / 50 Hz
	Output From PSU		9 V DC, 3.3 A center negative
	Line Voltage Tolerance		±10 %
	Input Impedance		>10 (12)
	Auto Read		Yes
	Memory	Memory Points	1000 data sets per parameter
		Programmable Data Storage	Store on stable, time, manual
		Programmable Data Output	Timed or logged data
		Print Interval	3 to 86400 s
		Programmable Alarm	Yes
	Operating Conditions	Operating Temperature	5 to 45 °C
		Operating Humidity	5 to 80 % non-condensing
		Maximum Operating Altitude	2000 m
		Installation Category	II
		Pollution Category Degree	2
Power Requirements			9 V DC adapter, 3.3 A (100/240 VAC, SMPS)
Dimensions (LxWxH); Weight		Meter	16.5 x 23.5 x 8.9 cm ; 1100 g
		Boxed	49 x 28 x 16 cm ; 3700 g

DO Bench Meter			DO 6000
Dissolved Oxygen	Range		0 to 60 mg/L or ppm (0 to 1272 mbar)
	Resolution		0.01 mg/L or ppm (0.1 mbar)
	Accuracy		±0.1 + 1 LSD
	No. Of Calibration Points		2 (0 mg/L, 8.26 mg/L)
% Saturation Of Oxygen	Range		0 to 600 %
	Resolution		0.1 %
	Accuracy		±0.1 % + 1 LSD
	No. Of Calibration Points		2 (0 %, 100 %)
Barometric Pressure Correction	Range		450 to 825 mmHg
	Resolution		1 mmHg
	Accuracy		±1 mmHg + 1 LSD
Salinity Correction	Range		.. to 45 ppt
	Resolution		0.1 ppt
Temperature	Range		5.0 to +46.0 °C
	Resolution		0.1 °C
	Accuracy		±0.2 °C
Meter Features	Display	No. Of Channels	1
		LCD	640 x 480 x digit ; 4½" x 6" ; extensive help screen
		Keypad Controls	Context specific touchscreen
	Input/Output	DIN (Dissolved Oxygen)	Yes
		RS232, USB-B, USB-A, RJ45, SD Reader	Yes
	Temperature Compensation		ATC/MTC (-5 to 100 °C) (Meter)
	Electrical Requirement		115 V / 60 Hz, 230 V / 50 Hz
	Output From PSU		9 V DC, 3.3 A center negative
	Line Voltage Tolerance		±10 %
	Input Impedance		>10 (12)
	Auto Read		Yes
	Memory	Memory Points	1000 data sets per parameter
		Programmable Data Storage	Store on stable, time, manual
		Programmable Data Output	Timed or logged data
		Print Interval	3 to 86400 s
		Programmable Alarm	Yes
	Operating Conditions	Operating Temperature	5 to 45 °C
		Operating Humidity	5 to 80 % non-condensing
		Maximum Operating Altitude	2000 m
		Installation Category	II
		Pollution Category Degree	2
Power Requirements			9 V DC adapter, 3.3 A (100/240 VAC, SMPS)
Dimensions (LxWxH); Weight		Meter	16.5 x 23.5 x 8.9 cm ; 1100 g
		Boxed	49 x 28 x 16 cm ; 3700 g

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>> Life Science & Medical Researches

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