

Eutech pH 150



pH / mV / Temperature

Best value for an IP67-rated waterproof pH meter

- **Large, three line LCD** – View pH or mV measurement with temperature and % slope
- **Built-in memory function** – Stores up to 150 measurements along with temperature
- **Auto buffer recognition** – Automatically identifies USA, NIST or DIN buffer sets for rapid calibration
- **Power with AA batteries** or use optional AC adapter for benchtop measurements
- **Calibration due alarm** – Set a visible reminder when it is time to recalibrate the meter
- **Selectable °F/°C** – Choose units to best fit your application
- **Features mV offset** – Calibrate to a Redox/ORP standard or use for pH electrode diagnostics
- Ready indicator, manual or automatic measurement hold feature and optional automatic shutoff function
- % slope and temperature displayed with each measurement
- **Built-in stand** – Ideal for easy benchtop or long-term use
- **Wall-mount option** – Ideal to save on bench space
- **Includes innovative Grip-Clip™** – Quickly and easily secures the electrode to your beaker or container
- Compatible with pH electrodes having a BNC connector



Specification Table

pH	Range	-2.00 to 16.00 pH
	Resolution	0.01 pH
	Accuracy	±0.01 pH
	Calibration	Up to 5 points (USA & NIST) Up to 6 points (DIN)
mV	Range	±2000 mV
	Resolution	0.1 mV ±999.9 mV; 1 mV beyond
	Accuracy	±0.2 mV +2 LSD or +0.5 % of reading; whichever is greater
	Calibration	±200 mV
Temperature	Range	-10.0 to 110.0 °C (14.0 to 230.0 °F)
	Resolution	0.1 °C/°F
	Accuracy	±0.5 °C; ±0.9 °F
	Calibration	Offset in 0.1 increments, ±10 °C or ±18 °F
Display	Three line custom LCD	
Temperature Compensation	Automatic or manual from -10 to 110 °C	
Memory	Stores up to 150 data sets	
Power	Two AA batteries (included), >700 hours continuous use; AC adapter (optional)	
Dimensions (L x W x H)	Meter	7 7/8" x 3 1/8" x 2 1/4" (20 x 8.3 x 5.7 cm)
	Boxed	9 1/8" x 9 1/8" x 2 3/4" (23 x 23 x 7 cm)
Weight	Meter	1 lb (0.5 kg)
	Boxed	1.4 lb (0.7 kg)



Ordering Information

Order Code	Part No.	Description
Meter		
ECPHWP15000	01X651607	pH 150 Meter Only: Meter, Grip-Clip™, two AA batteries
ECPHWP15002	01X651608	pH 150 Meter & Electrode: Meter with double-junction pH electrode and ATC probe, Grip-Clip™, two AA batteries
ECPHWP15002K	01X651609	pH 150 Meter Kit: Meter with double-junction pH electrode and ATC probe, Grip-Clip™, two AA batteries, hard carry case, pH buffers, storage solution, rinse solution
Electrodes		
ECFC7252201B	01X099417	Replacement pH electrode, double-junction, epoxy body, BNC
ECFE7372801W	93X218990	pH electrode with built-in ATC. Double-junction, epoxy body, BNC
ECFC7352901W	01X218995	pH electrode with built-in ATC. Single-junction, epoxy body, BNC
ECFC7960201B	01X256613	ORP electrode. Double-junction, epoxy body, gel-filled, BNC
PHWPTEM01W	01X021807	ATC probe. Use with any standard pH electrode for temperature compensation
Accessories		
GRIPCLIP	GRIPCLIP	Grip-Clip™
60X426401	60X426401	Optional 100 / 240 VAC SMPS power adapter, 9V, 6 W
ECPHBUFKITC	01X639001	pH buffer set, pH 4 (red), 7 (yellow), 10 (blue), 480 mL each
ECPHBUFKIT	01X638901	Colourless pH buffer set, pH 4, 7 and 10 (480 mL each)



Comparison Tables

Meter Features	pH 150	CON 150	pH 450	CON 450	DO 450	PD 450	PC 450	
								
	See Page 4	See Page 5	See Page 6	See Page 7	See Page 8	See Page 9	See Page 10	
	pH & mV	✓	–	✓	–	–	✓	✓
	ION	–	–	✓	–	–	–	–
	Temperature	✓	✓	✓	✓	✓	✓	✓
	Conductivity & TDS	–	✓	–	✓	–	–	✓
	Optical Dissolved Oxygen	–	–	–	–	✓	✓	–
	Salinity	–	–	–	✓	–	–	–
	Display	Three line custom LCD		Three line custom LCD with backlight				
Temperature Compensation	Automatic or manual from -10 to 110 °C							
Temperature Coefficient	–	0.00 to 10.00 %/°C	–	0.00 to 10.00 %/°C	–	–	0.00 to 10.00 %/°C	
Memory	150 data sets		500 data sets					
Output	–		USB or RS232					
Real-Time Clock	–		Time and date stamp on calibration and stored data					
Power	Two AA batteries (included)							
	>700 hours continuous use	>500 hours continuous use	>500 hours (without backlight)	>300 hours (without backlight)	>100 hours (without backlight)			
9 V DC adapter, 1.3 A (100/240 VAC, SMPS) (optional)								
Dimensions (L x W x H)	Meter: 7 7⁄8" x 3 1⁄8" x 2 1⁄4" (20 x 8.3 x 5.7 cm) ; Boxed: 9 1⁄8" x 9 1⁄8" x 2 3⁄4" (23 x 23 x 7 cm)							
Weight	Meter: 1 lb (0.5 kg) ; Boxed: 1.4 lb (0.7 kg)							

Eutech 150 Series & Eutech 450 Series Configurations		Electrodes						Accessories					Solutions	
		Double-Junction pH Electrode (ECFC725201B)	pH Electrode, 26 mm Diameter (ECDA9350603B)	Combi pH/Con/ ATC Electrode (COMBI03BW)	Conductivity/ATC Electrode, K = 1 (CONSEN91W)	ATC Probe (PHWPTEM01W)	RDO Electrode With Cap (RDO3M)	Glip-Clip™	Hard Carry Case	USB Cable	RDO Stainless Steel Weight/Guard	RDO Calibration Sleeve	60 mL Bottles of pH 4, pH 7, Storage Solution, DI Water	60 mL Bottles of 1413 µS, 12.88 mS, 111.8 mS, DI Water
Order Code	Product Combination													
ECPHWP15000	pH 150 Meter Only						✓							
ECPHWP15002	pH 150 Meter & Electrode	✓				✓	✓							
ECPHWP15002K	pH 150 Meter Kit	✓				✓	✓	✓				✓		
ECCONWP15003	CON 150 Meter & Electrode				✓		✓							
ECCONWP15003K	CON 150 Meter Kit				✓		✓	✓					✓	
ECPHWP45000	pH 450 Meter Only						✓							
ECPHWP45002	pH 450 Meter & Electrode	✓				✓	✓							
ECPHWP45002K	pH 450 Meter Kit	✓				✓	✓	✓	✓			✓		
ECCONWP45003	CON 450 Meter & Electrode				✓		✓							
ECCONWP45003K	CON 450 Meter Kit				✓		✓	✓	✓				✓	
ECDOWP45000	DO 450 Meter Only													
ECDOWP45003	DO 450 Meter & Electrode						✓							
ECDOWP45003K	DO 450 Meter Kit						✓		✓	✓	✓			
ECPDWP45000	PD 450 Meter Only													
ECPDWP45004	PD 450 Meter & Electrodes		✓				✓							
ECPDWP45004K	PD 450 Meter Kit		✓				✓		✓	✓	✓	✓		
ECPCWP45000	PC 450 Meter Only						✓							
ECPCWP45004	PC 450 Meter & pH & Con/ATC Electrodes	✓			✓		✓							
ECPCWP45004K	PC 450 Meter Kit	✓			✓		✓	✓	✓			✓	✓	
ECPCWP45003	PC 450 Meter & Combi Electrode			✓										
ECPCWP45003K	PC 450 Meter Combi Kit			✓					✓	✓		✓	✓	



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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