- User-Replaceable Sensor
- Valox® Durable Plastic Casing
- IP67 Waterproof
- Easy To Use
- Quick, Stable & Accurate Results
- 2 Years Warranty

Big On Features,

Top Battery Cover
- Easy to remove (no wires attached)
- Eyelet for lanyard attachment

Battery Compartment
- Waterproof by silicone o-ring
- Use common button cells
- Encloses calibration buttons (for EC/TDS models)

Strong Plastic Housing
- Chemical resistance
- Physical durability

WATERPROOF

Customized LCD
- Clear display with unit of measurement
- Self-diagnostic messages
- Temperature readout (selected models)

ASIC Microprocessor
- Precise and accurate calibrations
- Fast and reliable readings
- Sophisticated features

Waterproof To IP67 Standard
- Rugged, waterproof, and so light, it floats!
- Unique anti-roll ribbed design ensures firm grip

Push-Button Operations
- Simple, quick and accurate
- Hassle-free calibration procedures

User-Replaceable Sensor Module
- Use tester body over and over again
- Easy plug in / plug out connection
- Electrode modules for pH, EC/TDS, ORP

Double Silicone O-Ring
- Waterproof by silicone o-ring
- Allows easy replacement of electrode module

Protective Cap
- Reduces contamination
- Protects sensor

EC/TDS Plus Series Sensor Module
- Cup-type design for scooping samples
- Requires minimum sample volume

pH/ORP Sensor Module
- Glass bulb of special material
  - Tough with fast response
- Kynar® reference junction
  - Minimizes contamination
- Double-junction
- Valox® plastic
  - Improved chemical and physical durability

Easy On Your Pocket.

EC/TDS Sensor Module
- 2-pin stainless steel
- Minimal bubble entrapment
- Easy to clean

pHTestr® 30; pHTestr® 20; pHTestr® 10

pH measurement has never been easier with Eutech's latest range of pHTestr® Series. With high accuracy and easy twist-off user-replaceable sensor, the pHTestr®10, 20 & 30 are uniquely designed to last longer with more user-friendly features and lower operating cost requirement. Double junction electrode makes the testers ideal for dirty water and solutions with heavy metals or contaminants, while increased reference gel volume offers significantly longer electrode life.

High Accuracy
• Up to ±0.01 pH accuracy at 0.01 pH resolution
• 3-point push-button calibration with 5 buffer option sets – quick, easy calibration with no mistakes
• Automatic temperature compensation (ATC)

Long Lasting
• Double-junction sensor with chemical resistant Kynar® porous junction minimizes clogging and contamination
• Longer electrode lifespan with increased polymer gel volume
• Reduced operating cost – use tester body again and again with user-replaceable sensor
• Rugged and waterproof to IP67 standards. So light, it floats!

User-Friendly
• Large custom dual display LCD
• Calibration settings remain, even when you run out of batteries
• Simultaneous temperature display in Celsius and Fahrenheit*

For pHTestr 30

Applications: • Pools and spas • Aquariums and fish farms • Agriculture • Cooling towers • Food processing • Water and wastewater treatment • Photo-development • Printing and chemical industries • Labs and ecological studies • Hydroponics

Eutech Waterproof
pH Testers

pHTestr® 10BNC

More versatility with BNC connector.

• User-selectable electrodes with BNC connector
• Up to ±0.01 pH accuracy at 0.01 pH resolution
• Manual temperature compensation (MTC)
• Non-volatile memory keeps your reading, even after batteries run out
• 3-point push-button calibration with 5 buffer option sets – quick, easy calibration with no mistakes
• Advanced power management – 500 hours of operation on one set of batteries
• Large custom dual display LCD
• Waterproof to IP67 standard. So light, it floats!

Applications: • Pools and spas • Aquariums and hydroponics operations • Cooling towers • Aquaculture • Food processing • Water quality testing • Boilers • Labs and ecological studies

pH Spear

Specially designed for solid or semi-solid samples.

• Open pore spear tip sensor – tough, fast, stable and minimizes clogging
• Double junction sensor prolongs electrode lifespan without contaminating samples
• Up to ±0.01 pH accuracy at 0.01 pH resolution
• Manual temperature compensation (MTC)
• Non-volatile memory keeps your reading, even after batteries run out
• 3-point push-button calibration with 5 buffer option sets – quick, easy calibration with no mistakes
• Advanced power management – 500 hours of operation on one set of batteries
• Large custom dual display LCD
• Waterproof to IP67 standard

Applications: • Bread • Meat • Salami • Poultry • Fruits • Dairy products

Buffer & Calibration Solutions

Calibration Sachets

Buffer Tablets

| 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)

Order Code	Part No.	Description
pH Buffer Solutions (480 ml Per Bottle)		
ECBU1BT	01X211211	pH 1.68 buffer solution
ECBU4BT	01X211201	pH 4.01 buffer solution
ECBU686BT	01X211242	pH 6.86 buffer solution
ECBU7BT	01X211202	pH 7.00 buffer solution
ECBU9BT	01X211222	pH 9.00 buffer solution
ECBU918BT	01X211271	pH 9.18 buffer solution
ECBU10BT	01X211203	pH 10.01 buffer solution
ECBU12BT	01X211212	pH 12.45 buffer solution
ECDPCBT	01X211216	Protein cleaning solution for pH electrode
ECRE005	01X211206	Storage solution for pH electrode
ECRE006	01X370502	Storage solution for 620 series electrode
ORP Solutions (480 ml Per Bottle)		
ECORPPRE	01X081500	Pre-treatment solution (475 mV)
ECORPQUIN	01X062700	Quinhydrone 255 (255 mV, ±15 mV @ 25 ºC)
ECORPQUIN086	01X211215	Quinhydrone 86 (86 mV)
Conductivity Standard Solution (480 ml Per Bottle)		
ECCON84BT	01X211241	84 µS/cm KCl calibration solution
ECCON100BT	01X211217	100 µS/cm KCl calibration solution
ECCON500BT	01X211219	500 µS/cm KCl calibration solution
ECCON1413BT	01X211207	1413 µS/cm KCl calibration solution
ECCON2764BT	01X211214	2764 µS/cm KCl calibration solution
ECCON1288BT	01X211210	12.88 mS/cm KCl calibration solution
ECCON1118BT	01X211244	111.8 mS/cm KCl calibration solution
ECCON5000BT	01X211272	5.0 mS/cm KCl calibration solution
EC44250BT	01X109105	50 ppm 442 calibration solution
EC442300BT	01X109102	300 ppm 442 calibration solution
EC4421000BT	01X109104	1000 ppm 442 calibration solution
EC4423000BT	01X109101	3000 ppm 442 calibration solution
TDS 442 Standard Solutions (480 ml Per Bottle)		
EC44250BT	01X109105	50 ppm 442 calibration solution
EC442300BT	01X109102	300 ppm 442 calibration solution
EC4421000BT	01X109104	1000 ppm 442 calibration solution
EC4423000BT	01X109101	3000 ppm 442 calibration solution
Salinity (NaCl) Standard Solutions (480 ml Per Bottle)		
ECNACL5PPT	01X211230	5 ppt Nacl calibration solution
ECNACL25PPT	01X211231	25 ppt Nacl calibration solution
ECNACL45PPT	01X211232	45 ppt Nacl calibration solution

| 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!

Order Code	Part No.	Description
pH Buffer Sachets (20 x 20 ml Per Box)		
ECBU4BS	01X223102	pH 4.01 buffer sachets (NIST traceable)
ECBU7BS	01X223101	pH 7.00 buffer sachets (NIST traceable)
ECBU10BS	01X223103	pH 10.01 buffer sachets (NIST traceable)
ECRINWT	01X223201	pH deionized water rinse sachets (NIST traceable)
Conductivity/Salinity Sachets (20 x 20 ml Per Box)		
ECCON10BS	01X219905	10 µS/cm KCl Conductivity sachets
ECCON447BS	01X219902	447 µS/cm KCl Conductivity sachets
ECCON1413BS	01X219901	1413 µS/cm KCl Conductivity sachets
ECCON2764BS	01X219903	2764 µS/cm KCl Conductivity sachets
ECCON15000BS	01X219904	15000 µS/cm KCl Conductivity sachets
ECCON3000BS	01X219906	3000 ppm KCl Salinity calibration sachets

| Buffer Tablets (Box of 100 Tablets) | These buffer tablets are perfect for small volumes of pH buffers needed for calibration of pocket pH testers. Simply dissolve a tablet in 30 ml of fresh distilled water; calibrates up to ±0.1 pH accuracy.

Order Code	Part No.	Description
pH Buffer Tablets (10 Strips x 10 Tablets Per Box)		
ECBU4BX	01X038201	pH 4 buffer tablets
ECBU7BX	01X038202	pH 7 buffer tablets
ECBU10BX	01X038203	pH 10 buffer tablets

Ordering Information

Testers

Order Code	Part No.	Description
PHTEST30	01X366903	Waterproof pHTestr 30 with ATC & Temperature Display
PHTEST20	01X366902	Waterproof pHTestr 20 with ATC
PHTEST10	01X366901	Waterproof pHTestr 10 with ATC
PHTEST10BNC	01X366914	Waterproof pHTestr 10BNC
PHSPEAR	01X366919	Waterproof pH Spear
ECTEST11PLS	01X377227	Waterproof ECTestr 11+ Multi Range with ATC & Temperature Display
ECTEST11	01X377226	Waterproof ECTestr 11 Dual Range with ATC & Temperature Display
TDSTEST11PLUS	01X268202	Waterproof TDSTestr 11+ Multi Range with ATC & Temperature Display
TDSTEST11	01X377233	Waterproof TDSTestr 11 Dual Range with ATC & Temperature Display
SALTTEST11	01X377232	Waterproof SaltTestr 11 with ATC & Temperature Display
ORPTEST10	01X366909	Waterproof ORPTestr 10
ORPTEST10BNC	01X366916	Waterproof ORPTestr 10BNC

Replacement Sensors

Order Code	Part No.	Description
PHSENSOR03DJ	01X106709	Replacement Sensor for Waterproof pHTestr 10, 20, 30
PHSENSORBNC	01X106720	Replacement Sensor for Waterproof pHTestr 10BNC and ORPTestr 10BNC
PHSENSOR04	01X106724	Replacement Double Junction Spear-tip Electrode for Waterproof pH Spear
ORPSENSORDJ	01X106711	Replacement Sensor for Waterproof ORPTestr 10
ECTDSSENSORPLUS	01X229714	Replacement Sensor for Waterproof, Cup Type ECTestr 11+; TDSTestr 11+
ECTDSSENSOR	01X229713	Replacement Sensor for Waterproof, 2-Pin Type ECTestr Series; ECTestr 11; TDSTestr Series; TDSTestr 11; SaltTestr 11

Design of Eutech's waterproof testers are patented under the United States Patent Law, patent number: 371 517. Patent rights in other areas are pending.

Eutech Waterproof Testers
Comparison Tables

2 Year Meter Warranty

CE IP67

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

pH/ORP Pocket Testers		pHTestr 30	pHTestr 20	pHTestr 10	pHTestr 10BNC	pH Spear	ORPTestr 10	ORPTestr 10BNC
pH/mV	Range	-1.00 to 15.00 pH		-1.0 to 15.0 pH	-1.00 to 15.00 pH		-999 to +1000 mV	
	Resolution	0.01 pH		0.1 pH	0.01 pH		1 mV	
	Accuracy	±0.01 pH		±0.1 pH	±0.01 pH		±2 mV	
	Calibration Points	3 Auto					1 Manual	
	Buffer Sets	USA: 4.01 / 7.00 / 10.01 ; NIST: 4.01 / 6.86 / 9.18					–	
Temperature	Range	0 to 50.0 ℃ 32.0 to 122.0 ℉	–		0 to 50.0 ℃ 32.0 to 122.0 ℉		–	
	Resolution	0.1 ℃ / ℉	–		0.1 ℃ / ℉		–	
	Accuracy	±0.5 ℃ / 0.9 ℉			–			
	Calibration Window	±5 ℃ / 9 ℉ from default value			–			
Meter Functions	ATC	Yes			No (MTC)		No	
	Sensor Type	Double-junction			BNC		Double-junction	
	Non-Volatile Memory	Yes						
	Auto-Off	8.5 Mins after last key pressed						
	Operating Temp.	0 to 50 ℃						
	LCD Display	Custom dual display 2.7 cm (H) x 2.1 cm (W)						
	Power	4 x 1.5 V "A76" Micro alkaline batteries						
	Battery Life	> 500 Hours					> 250 Hours	
Dimensions ; Weight	Tester	16.5 x 3.8 cm ; 90 g			24 x 3.8 cm ; 103 g		16.5 x 3.8 cm ; 90 g	
	Boxed	22 x 6 x 5 cm ; 170 g			25.5 x 13.5 x 7.5 cm ; 240 g		22 x 6 x 5 cm ; 170 g	

Conductivity Pocket Testers		ECTestr 11+	ECTestr 11
Range		0 to 200.0 µS/cm 0 to 2000 µS/cm 0 to 20.00 mS/cm	0 to 2000 µS/cm 0 to 20.00 mS/cm
Resolution		0.1 µS/cm 1 µS/cm 0.01 mS/cm	10 µS/cm 0.10 mS/cm
Accuracy		±1 % Full scale of each range	
Calibration Points		3 Auto, 3 Manual	2 Auto, 2 Manual
Temperature	Range	0 to 50.0 ℃ or 32.0 to 122.0 ℉	
	Resolution	0.1 ℃ / ℉	
	Accuracy	±0.5 ℃ / 0.9 ℉	
	Calibration Window	±5 ℃ / 9 ℉	
Meter Functions	ATC	Yes (0 to 50 ℃ or 32.0 to 122.0 ℉)	
	Sensor Type	Cup	Dip
	Temp. Coefficient	2 % per ℃	
	Normalization Temp.	25 ℃	
	Non-Volatile Memory	Yes	
	Auto-Off	8.5 Mins after last key pressed	
	Operating Temp.	0 to 50 ℃	
	LCD Display	Custom dual display 2.7 cm (H) x 2.1 cm (W)	
	Power	4 x 1.5 V "A76" Micro alkaline batteries	
	Battery Life	> 150 Hours	
Dimensions ; Weight	Tester	16.5 x 3.8 cm ; 90 g	
	Boxed	22 x 6 x 5 cm ; 170 g	