



Waterproof Testers

• pH • ORP • Conductivity • TDS • Salinity

SOLUTIONS FOR WATER ANALYSIS

EUTECH
INSTRUMENTS
Technology Made Easy ...



Main Features

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

Big On Features,



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



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



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



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



- 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



EC/TDS Plus Series Sensor Module

- Cup-type design for scooping samples
- Requires minimum sample volume



EC/TDS Sensor Module

- 2-pin stainless steel
- Minimal bubble entrapment
- Easy to clean



Top Battery Cover

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

Strong Plastic Housing

- Chemical resistance
- Physical durability

ASIC Microprocessor

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

Push-Button Operations

- Simple, quick and accurate
- Hassle-free calibration procedures

Double Silicone O-Ring

- Waterproof by silicone o-ring
- Allows easy replacement of electrode module

Protective Cap

- Reduces contamination
- Protects sensor

Easy On Your Pocket.



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



ECTestr® 11+; ECTestr® 11

Dual and Multi-Range Testers with Manual or Auto-Ranging Options

Combining the ranges of three EC testers into one, Eutech's latest multi-range ECTestr® 11 series now measures a wider conductivity range from pure water to waste water, and comes with simultaneous temperature display, auto-ranging capabilities. Signature designs such as automatic temperature compensation and manual calibrations are retained, giving you accurate, reliable readings over a broad conductivity range every time you measure.

High Accuracy

- Up to 3 conductivity ranges from 0-200.0 µS/cm; 0-2000 µS/cm; and 0-20.00 mS/cm
- Calibrate up to 3 points to achieve maximum accuracy
- Selectable single/multi-point calibration with auto/manual options
- ±1 % full scale accuracy

Long Lasting

- Unique cup-style* sensor with Valox® casing. Industrial grade SS316 stainless steel sensor element protects against harsh sample and ensures superior chemical durability
- Reduced operating cost – use tester body again and again with user-replaceable sensor
- Rugged and waterproof to IP67 standards. So light, it floats!

* For ECTestr 11+

User-Friendly

- Auto-ranging capability allows convenient direct readout and optional range selection
- Temperature display with Celsius and Fahrenheit options – no need for separate thermometer!
- Calibration settings remain, even when you run out of batteries

Applications: • Water and wastewater treatment • Boiler blow-down • Agriculture • Electroplating rinse tanks • Drinking water • Hydroponics • Printing industry • Aquaculture • Aquariums and fish farms • Swimming pools • Verification of reverse osmosis system operation • Others

Eutech Waterproof Conductivity & TDS Testers



TDSTestr® 11+; TDSTestr® 11

Dual and Multi-Range Testers with Manual or Auto-Ranging Options

Eutech's latest TDSTestr® 11 and 11+ combine the ranges of three testers, allowing TDS measurements over a broad range, from pure water to waste water. The new series comes with Simultaneous Temperature Display, Manual or Auto-ranging Options, as well as other retained benchmark features of Eutech testers, such as adjustable TDS factor and Automatic Temperature Calibration, making for a strong addition to Eutech's line of TDS testers.

High Accuracy

- Up to 3 conductivity ranges from 0-200.0 ppm; 0-2000 ppm; and 0-20.00 ppt
- Selectable TDS factor (0.40 to 1.00)
- Selectable single/multi-point calibration with auto/manual options
- ±1 % full scale accuracy

Long Lasting

- Unique cup-style* sensor with Valox® casing. Industrial grade SS316 stainless steel sensor element protects against harsh sample and ensures superior chemical durability
- Reduced operating cost – use tester body again and again with user-replaceable sensor
- Rugged and waterproof to IP67 standards. So light, it floats!

* For TDSTestr® 11+

User-Friendly

- Auto-ranging capability allows convenient direct readout and optional range selection
- Temperature display with Celsius and Fahrenheit options – no need for separate thermometer!
- Calibration settings remain, even when you run out of batteries

Applications: • Water and wastewater treatment • Boiler blow-down • Electroplating rinse tanks • Drinking water • Hydroponics • Printing industry • Aquaculture • Aquariums and fish farms • Swimming pools • Others

Eutech Waterproof Testers Comparison Tables



| Warranty | Eutech Instruments provides two years of warranty against manufacturing defects for our testers, and six months for our electrodes.



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 °C 32.0 to 122.0 °F	-		0 to 50.0 °C 32.0 to 122.0 °F		-		
	Resolution	0.1 °C / °F	-		0.1 °C / °F		-		
	Accuracy	±0.5 °C / 0.9 °F	-		-		-		
	Calibration Window	±5 °C / 9 °F 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 °C							
	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 °C or 32.0 to 122.0 °F				
	Resolution	0.1 °C / °F				
	Accuracy	±0.5 °C / 0.9 °F				
	Calibration Window	±5 °C / 9 °F				
Meter Functions	ATC	Yes (0 to 50 °C or 32.0 to 122.0 °F)				
	Sensor Type	Cup		Dip		
	Temp. Coefficient	2 % per °C				
	Normalization Temp.	25 °C				
	Non-Volatile Memory	Yes				
	Auto-Off	8.5 Mins after last key pressed				
	Operating Temp.	0 to 50 °C				
	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				