



Eutech Pocket Testers

• pH • ORP • Conductivity • TDS • Salinity

SOLUTIONS FOR WATER ANALYSIS

Eutech EcoTestr pH 2 Pocket Tester

pH

Economical pH measurement is a breeze with the Eutech™ EcoTestr™ pH 2 pocket tester. Designed for fuss-free measurements on the go, the EcoTestr pH 2 pocket tester is ideal for quick pH measurements in hydroponic gardening, aquaculture, agriculture, pools, simple lab work and other water/wastewater applications.



Pocket clip secures tester firmly to your belt or pocket



Durable keypad



IP67 waterproof – lightweight tester floats on water for easy retrieval



Transparent protective cap serves as a container for sensor conditioning or on-site calibration

Automatic pH calibration feature

Switch tester to calibration mode, immerse sensor into pH buffer solution – pocket tester will automatically calibrate

Automatic temperature compensation

Adjust readings according to temperature change automatically for greater accuracy



Applications

Water and wastewater treatment
• Environmental monitoring • Education
• Hydroponics • Agriculture • Aquaculture and aquariums • Pools and spas • Food and beverage manufacturing • Cooling towers
• Electroplating • Printing • Photo-development and more!

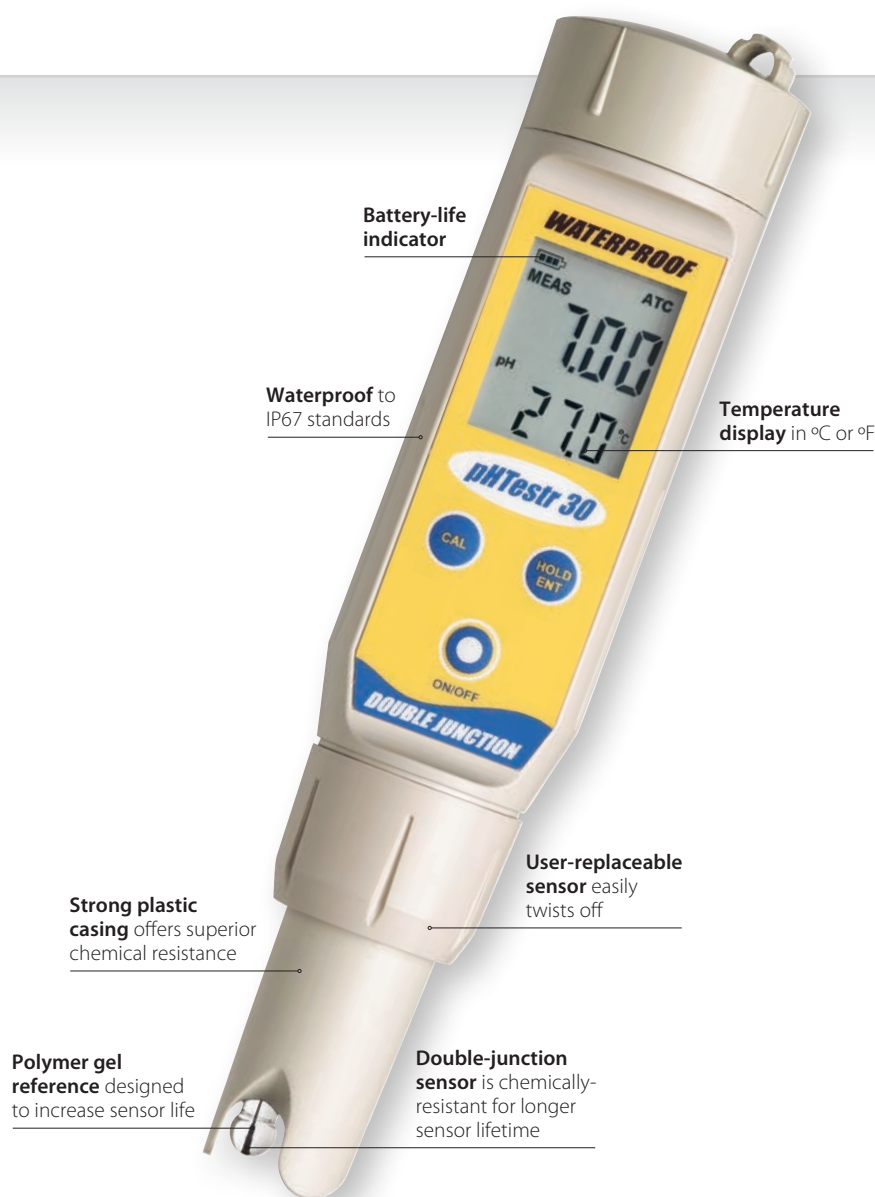
- ± 1 % accuracy
- Quick, easy calibrations at the press of a button with auto-buffer recognition and auto-calibration functions
- Up to three calibration points for broadened accuracy throughout the pH range



Eutech pHTestr 30 Pocket Tester

pH/°C/°F

pH measurement has never been easier with the Eutech™ pHTestr™ 30 pocket tester. Accurate, handy and user-friendly, the pHTestr 30 is designed to offer outstanding performance when and where you need it.



Large custom dual-display LCD



Ribbed body for better grip



User-replaceable sensor



Comes with protective plastic case and lanyard

High Accuracy

- Up to ± 0.01 pH accuracy at 0.01 pH resolution
- 3-point push-button calibration with USA and NIST buffer option sets
- Automatic Temperature Compensation (ATC) for accurate readings even in varying conditions

Long Lasting

- Double-junction sensor with chemical resistant porous junction minimizes clogging and contamination
- Longer electrode lifespan with increased polymer gel volume
- Rugged and waterproof to IP67 standards. So light, it floats!

User-Friendly

- Large custom dual display LCD
- Calibration settings remain, even when tester runs out of batteries



Applications

General: Quick and accurate checks in pools and spas, aquariums and hydroponics operations, or wherever frequent pH testing is required.

Industrial: Cooling towers, food processing, water and wastewater treatment, photo-development, printing and chemical industries.

Educational: Useful for most laboratory, ecological studies and other applications.

Eutech ORPTestr 10 Pocket Tester

ORP

Fast, stable and precise – the Eutech™ ORPTestr™ 10 pocket tester is designed with advanced microprocessor technology to give you up to ± 2 mV accuracy across a wide measuring range. User-replaceable double-junction sensor with a wide platinum band helps provide accurate results, even in wet and rugged environments.



Large surface area platinum band helps provide quick, stable, repeatable results

Strong plastic casing offers outstanding chemical resistance

More Accurate

- ± 2 mV full scale accuracy
- Wide range of -999 to 1000 mV

More Savings

- Replaceable double-junction Ag/AgCl polymer sensor
- Advance power management – 500 hours of operation on one set of batteries

More User-Friendly

- Large custom display LCD
- Non-volatile memory stores your tester settings, even when you run out of batteries
- Waterproof to IP67 standard. So light, it floats!

Applications

• Chromate reduction • Cyanide oxidation
• Swimming pool water • Pulp bleaching
• Cooling towers • Aquaculture • Drinking water • Other redox applications

pH/ORP Pocket Testers

Specifications and Ordering Information

		EcoTestr	Waterproof Large Display Pocket Testers	
		EcoTestr pH 2	pHTestr 30	ORPTestr 10
Measuring Parameter		pH	pH / °C / °F	ORP
Highlights		0.1 resolution	0.01 resolution, temp. display	Platinum band sensor
pH/ORP	Range	0.0 to 14.0 pH	-1.00 to 15.00 pH	-999 to +1000 mV
	Resolution	0.1 pH	0.01 pH	1 mV
	Accuracy	±0.1 pH	±0.01 pH	±2 mV
	Cal. Points	3 auto		
	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	–
	Resolution	–	0.1 °C / 0.1 °F	–
	Accuracy	–	±0.5 °C / 0.9 °F	–
	Calibration Window	–	±5 °C / 9 °F from default value	–
Meter Features	Temperature Compensation	ATC		–
	Sensor Type	Single-junction	Double-junction	
	Sensor Included	Yes		
	Replacement Sensors	–	1	
	Non-Volatile Memory	Yes		
	Auto-Off	8.5 mins after last key pressed		
	Operating Temperature	0 to 50 °C		
	LCD Display	Single-display LCD (1.7 x 0.7 cm)	Dual-display LCD (2.1 x 2.7 cm)	
	Power	4 x 1.5 V 'A76' micro alkaline batteries (included)		
Dimensions (LxWxH); Weight	Tester	16.3 x 4.5 x 3 cm ; 90 g	16.5 x 3.8 cm ; 90 g	
	Boxed	24.5 x 13.5 x 4.5 cm ; 137 g	18.5 x 6.5 x 5 cm ; 200 g	

Ordering Information								
Item	Order Code	Parameters			Sensors		Accessories	
		pH	ORP	Temperature	pH Double Junction Sensor (PHSENSOR03DJ)	ORP Double Junction Sensor (ORPSENSORDJ)	Lanyard	Alkaline Button Cell Batteries
EcoTestr pH 2	ECPHTEST2	•						•
pHTestr 30	PHTEST30	•		•	•		•	•
ORPTestr 10	ORPTEST10		•			•	•	•

Replacement Sensors/Electrodes & Accessories		
Used With	Description	Order Code
EcoTestr pH 2	pH 4.01 buffer solution, 480 ml bottle	ECBU4BT
EcoTestr pH 2	pH 7.00 buffer solution, 480 ml bottle	ECBU7BT
EcoTestr pH 2	pH 10.01 buffer solution, 480 ml bottle	ECBU10BT
EcoTestr pH 2	Storage solution for pH sensor, 480 ml bottle	ECRE005
EcoTestr pH 2	Protein removal solution, 480 ml bottle	ECDPCBT
EcoTestr pH 2	pH 4.01 buffer sachets (NIST traceable), box of 20 x 20 ml sachets	ECBU4BS
EcoTestr pH 2	pH 7.00 buffer sachets (NIST traceable), box of 20 x 20 ml sachets	ECBU7BS
EcoTestr pH 2	pH 10.01 buffer sachets (NIST traceable), box of 20 x 20 ml sachets	ECBU10BS
EcoTestr pH 2	pH deionized water rinse sachets, box of 20 x 20 ml sachets	ECRINWT
pHTestr 30	Replacement double junction sensor	PHSENSOR03DJ
ORPTestr 10	Replacement double junction sensor	ORPSENSORDJ
All testers	Alkaline button cell batteries (50 units per pack)	ECBATT14

Eutech EcoTestr EC Low and EC High Series Pocket Testers

Conductivity

The Eutech EcoTestr EC Low and High series pocket testers come with rugged, sturdy stainless steel pin sensors, giving you quick, reliable conductivity measurements in a wide range of applications. Ideal for use in hydroponics gardening, fish-farming, pools, electroplating and other water/wastewater applications.



Click-lock battery compartment – simply lift and remove cover to replace batteries. No additional tools required



Tactile switch keypad lasts longer than ordinary keypad

Non-volatile memory retains tester settings even when batteries run out



Large, upright LCD with parameter display and battery level indicator

Easy push-button calibration. Microprocessor-powered tester requires no screwdriver for calibration

Applications

- Water & wastewater treatment
- Environmental monitoring • Education
- Hydroponics • Agriculture • Aquaculture & aquariums • Pools & spas • Food & beverage manufacturing • Cooling towers
- Electroplating • Printing
- Photo-development & more!

- Up to $\pm 1\%$ full scale accuracy
- Single-point, auto-calibration – quick, easy calibrations at the press of a button
- Manual calibration option for better accuracy with near-to-sample calibrations



Eutech ECTestr 11 and ECTestr 11+ Series Pocket Testers

Conductivity/°C/°F

Combining the ranges of three testers into one, Eutech™ ECTestr™ 11 series pocket testers measure a wide conductivity range from pure water to wastewater. User-friendly features such as simultaneous temperature display, auto-ranging option and automatic temperature compensation make conductivity measurements on-the-go quick and easy!

Simultaneous temperature display

Simultaneous temperature display

Sensor element
made from industrial grade SS316 stainless steel type to protect against harsh samples

Strong plastic casing offers outstanding chemical resistance



User-replaceable sensor



Unique cup-style design of '11+' series allows you to hold small volumes of sample

* For ECTestr 11+

Accurate & Reliable

- ECTestr 11 series measures up to 20.00mS
- Up to 3-point calibration for higher accuracy – choose auto-calibration for quick, effortless calibration!
- $\pm 1\%$ full scale accuracy

Long Lasting

- Sensor elements made with industrial-grade SS316 stainless steel ensures superior chemical durability. 11+ models come with unique cup-type sensors, made with Valox® casing to protect against harsh samples
- 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

- Auto-ranging option for convenient measurements in wide-range samples.
- Toggle between °C / °F easily with the press of a button
- Non-volatile memory retains calibration settings even when batteries run out – no need to recalibrate each time you change batteries



Applications

- Water & wastewater treatment • Boiler blow-down • Electroplating rinse tanks
- Drinking water • Hydroponics • Printing Industry • Aquaculture • Aquariums & fish farms • Swimming pools • Others

Conductivity Pocket Testers

Specifications and Ordering Information

		EcoTestrs		Waterproof Large Dual-Display Pocket Testers	
		EC Low	EC High	ECTestr 11	ECTestr 11+
Measuring Parameter		Conductivity		Conductivity / °C / °F	
Highlights		Economical, large, upright display		Dual-range	Multi-range
Conductivity	Range	.. to 1990 μS	.. to 19.90 mS	.. to 2000 μS .. to 20.00 mS	.. to 200.0 μS .. to 2000 μS .. to 20.00 mS
	Resolution	10 μS	0.1 mS	10 μS 0.10 mS	0.1 μS 1 μS 0.01 mS
	Accuracy	±1 % full scale	±1 % full scale (±2 % above 10 mS)	±1 % full scale	
Calibration Points		1 manual		2 auto or 2 manual	3 auto or 3 manual
Temperature	Range	–		0 to 50.0 °C / 32.0 to 122.0 °F	
	Resolution	–		0.1 °C / 0.1 °F	
	Accuracy	–		±0.5 °C / ±0.9 °F + 1 LSD	
	Calibration Window	–		±5.0 °C / ±9.0 °F	
Meter Features	Temperature Compensation	ATC (0 to 50 °C / 32 to 122 °F)			
	Sensor Type	Dip			Cup
	Replaceable Sensor	–		Yes	
	Temperature Coefficient	2 % per °C, fixed			
	Normalization Temperature	25.0 °C, fixed			
	Non-Volatile Memory	Yes			
	IP67	Yes			
	Operating Temperature	0 to 50 °C			
	Auto-Off	8.5 mins after last key pressed			
	LCD Display	3½ digit single display		Custom dual-display (2.1 x 2.7 cm)	
	Power	4 x 1.5 V ‘A76’ micro alkaline batteries (included)			
	Battery Life	> 150 hrs			
Dimensions (LxWxH); Weight	Tester	16.3 x 4.5 cm ; 90 g		16.5 x 3.8 cm ; 90 g	
	Boxed	18.5 x 6.5 x 5 cm ; 200 g			

• 1 mS/cm = 1000 µS/cm (µS: microSiemens / mS: milliSiemens)

Ordering Information							
Item	Order Code	Parameters		Sensors		Accessories	
		Conductivity	Temperature	Cup Type Sensor	2-Pin Type Sensor	Lanyard	Alkaline Button Cell Batteries
EcoTestr EC Low	ECOECTESTLOW	•			•		•
EcoTestr EC High	ECOECTESTHIGH	•			•		•
ECTestr 11	ECTEST11	•	•		•	•	•
ECTestr 11+	ECTEST11PLS	•	•	•		•	•

Replacement Sensors/Electrodes & Accessories		
Used With	Description	Order Code
ECTestr 11	2-pin type replacement sensor	ECTDSENSOR
ECTestr 11+	Cup type replacement sensor	ECTDSENSORPLUS
All testrs	Alkaline button cell batteries (50 units per pack)	ECBATT14
EcoTestr EC Low	100 µS/cm KCl calibration solution, 480 ml bottle	ECCON100BT
EcoTestr EC Low	1413 µS/cm KCl calibration solution, 480 ml bottle	ECCON1413BT
EcoTestr EC High	2764 µS/cm KCl calibration solution, 480 ml bottle	ECCON2764BT
EcoTestr EC High	12.88 mS/cm KCl calibration solution, 480 ml bottle	ECCON1288BT

Eutech PCTestr 35 and PCSTestr 35 Series Pocket Testers

pH/Conductivity/TDS*/Salinity*/°C/°F

Take basic multi-parameter measurements on-the-go. Eutech™ PCTestr™ 35 and Eutech™ PCSTestr™ 35 series pocket testers can measure pH, conductivity, TDS, salinity and temperature with just one handy multi-parameter instrument. Made to fit your pocket and budget.



One-press parameter toggle for multi-parameter measurement



Step 1: Immerse tester sensor in solution



Step 2: Measure and read



Step 3: Press "MODE ENT" to toggle to the next parameter

- Full pH range measurement at up to 0.01 pH resolution
- Pure, medium and high conductivity/TDS ranges – tester measures pure water!
- Up to 5-point pH calibration and 3-point conductivity calibration
- Adjustable TDS factor and temperature coefficient
- User-friendly, menu-driven set-up
- Selectable auto-off function helps conserve power

* See Specifications and Ordering Table for each model's specific measurement capabilities



Applications

• Pools and spas • Aquariums and fish farms • Agriculture and hydroponics • Cooling towers • Food processing • Water and wastewater treatment • Photo-development • Printing and chemical industries • Electroplating rinse tanks • Drinking water • Verification of reverse osmosis system operation • Recirculating system • Labs and ecological studies

Multi-Parameter Pocket Testers

Specifications and Ordering Information

Waterproof Large Display Pocket Testers			
		PCTestr 35	PCSTestr 35
Measuring Parameter		pH / Conductivity / °C / °F	pH / Conductivity / TDS / Salinity / °C / °F
Highlights		Waterproof, temp. display, 0.1 pH resolution, replaceable sensor	Waterproof, temp. display, 0.01 pH resolution, replaceable sensor
pH	Range	0.0 to 14.0 pH	0.00 to 14.00 pH
	Resolution	0.1 pH	0.01 pH
	Accuracy	±0.1 pH	±0.01 pH
	Cal. Points	Up to 5 (auto)	
	Auto-Buffer Recognition	Yes	
Conductivity	Range	0 to 1999 µS / 2.00 to 20.00 mS	0.0 to 199.9 µS / 200 to 1999 µS / 2.00 to 20.00 mS
	Resolution	1 µS / 0.01 mS	0.1 µS / 1 µS / 0.01 mS
	Accuracy	±1 % full scale	
	Cal. Points	2 auto, 2 manual	3 auto, 3 manual
	Temperature Coefficient	0.0 to 10.0 % / °C	
	Normalisation Temperature	25.0 °C	
	Auto-Ranging	Yes	
TDS	Range	–	0.0 to 99.9 ppm / 100 to 999 ppm / 1.00 to 10.00 ppt
	Resolution	–	0.1 ppm / 1 ppm / 0.01 ppt
	Accuracy	–	±1 % full scale
	Cal. Points	–	Up to 3 (manual)
	TDS Factor	–	0.40 to 1.00
Salinity	Range	–	0.0 to 99.9 ppm / 100 to 999 ppm / 1.0 to 10.0 ppt / 0.0 to 1.0 %
	Resolution	–	0.1 ppm / 1 ppm / 0.1 ppt / 0.1 %
	Accuracy	–	±1 % full scale *
	Cal. Points	–	1 (manual, above 1.00 ppt)
Temperature	Range	0 to 50.0 °C / 32 to 122.0 °F	
	Resolution	0.1 °C / 0.1 °F	
	Accuracy	0.5 °C / 0.9 °F	
Meter Features	Temperature Compensation	ATC / MTC	
	Sensor Type	pH / Conductivity / TDS / Salinity / Temperature	
	Non-Volatile Memory	Yes	
	Auto-Off	8.5 mins after last key pressed (can be disabled)	
	LCD Display	Dual-display LCD (2.1 x 2.7 cm)	
	Power	4 x 1.5 V 'A76' micro alkaline batteries	
Dimensions (LxWxH); Weight	Tester	16.5 x 3.8 cm ; 90 g	
	Boxed	18.5 x 6.5 x 5 cm ; 200 g	

* Applicable from 100 ppm to 10.00 ppt / 0.0 to 1.00 %

Ordering Information									
Item	Order Code	Parameters					Sensor	Accessories	
		pH	Conductivity	TDS	Salinity	Temperature	Multi-Parameter Sensor (PCSENSOR)	Lanyard	Alkaline Button Cell Batteries
PCTestr 35	PCTEST35	•	•			•	•	•	•
PCSTestr 35	PCSTEST35	•	•	•	•	•	•	•	•

Replacement Sensors/Electrodes & Accessories		
Used With	Description	Order Code
PCTestr 35 / PCSTestr 35	Replacement pH / Conductivity / Temperature sensor	PCSENSOR
All testrs	Belt-loop soft carrying case for testr	ECPOUCH01
All testrs	Alkaline button cell batteries (50 units per pack)	ECBATT14



Austria

VWR International GmbH
Tel.: +43 1 97 002 0
Fax: +43 1 97 002 600
Email: info@at.vwr.com

Belgium

VWR International bvba
Tel.: 016 385 011
Fax: 016 385 385
Email: vwrbe@be.vwr.com

Czech Republic

VWR International s. r. o.
Tel.: +420 321 570 321
Fax: +420 321 570 320
Email: info@cz.vwr.com

Denmark

VWR - Bie & Berntsen
Tel.: 43 86 87 88
Fax: 43 86 87 90
Email: info@dk.vwr.com

Finland

VWR International Oy
Tel.: 09 80 45 51
Fax: 09 80 45 52 00
Email: info@fi.vwr.com

France

VWR International S.A.S.
Tel.: 0 825 02 30 30
(0,18 € TTC/min)
Fax: 0 825 02 30 35
(0,18 € TTC/min)
Email: info@fr.vwr.com

Germany

VWR International GmbH
Freecall: 0800 702 00 07
Fax: 0180 570 22 22
(0,14 €/min. aus d. dt. Festnetz)
Email: info@de.vwr.com

Hungary

VWR International Kft.
Tel.: (52) 521-130
Fax: (52) 470-069
Email: info@hu.vwr.com

Ireland / Northern Ireland

VWR International Ltd /
VWR International
(Northern Ireland) Ltd
Tel.: 01 88 22 222
Fax: 01 88 22 333
Email: sales@ie.vwr.com

Italy

VWR International PBI S.r.l.
Tel.: 02-3320311/02-487791
Fax: 800 152999/02-40090010
Email: info@it.vwr.com

The Netherlands

VWR International B.V.
Tel.: 020 4808 400
Fax: 020 4808 480
Email: info@nl.vwr.com

Norway

VWR International AS
Tel.: 02290
Fax: 815 00 940
Email: info@no.vwr.com

Poland

VWR International Sp. z o.o.
Tel.: 058 32 38 200 do 204
Fax: 058 32 38 205
Email: info@pl.vwr.com

Portugal

VWR International -
Material de Laboratório, Lda
Tel.: 21 3600 770
Fax: 21 3600 798/9
Email: info@pt.vwr.com

Spain

VWR International Eurolab S.L.
Tel.: 902 222 897
Fax: 902 430 657
Email: info@es.vwr.com

Sweden

VWR International AB
Tel.: 08 621 34 00
Fax: 08 621 34 66
Email: kundservice@se.vwr.com

Switzerland

VWR International GmbH
Tel.: 044 745 13 13
Fax: 044 745 13 10
Email: info@ch.vwr.com

Turkey

VWR International
Laboratuar Teknolojileri Ltd.Şti.
Tel.: +90216 598 2900
Fax: +90216 598 2907
Email: info@pro-lab.com.tr

UK

VWR International Ltd
Customer Service Centre
Tel.: 0800 22 33 44
Fax: 01455 55 85 86
Email: uksales@uk.vwr.com

