

WATERPROOF

CONDUCTIVITY TESTERS

... the next generation

ECScan High+
0.0 to 19.99 mS/cm

ECScan Low+
0 to 1999 μ S/cm

ECScan Pure+
0 to 199.9 μ S/cm



ECScan High
0 to 19.90 mS/cm

ECScan Low
0 to 1990 μ S/cm



- Microprocessor Based
- Ultra-high resolution of 0.1 μ S
- \pm 1% Full Scale Accuracy
- Temperature Display
- User Replaceable Sensors
- Cup-type sensor for low volume samples
- Push-button Calibration
- Direct Read-out
- Automatic Temperature Compensation
- Freeze and Auto-off Functions
- Self-Diagnostic messages

**EUTECH
INSTRUMENTS**

Technology Made Easy ...

Waterproof
Conductivity
Testers



Twist-off Battery Compartment



Replaceable Sensor



Temperature Display



Lanyard Connection

The Waterproof ECScan tester series represent the new wave of microprocessor-based waterproof pocket EC (electrical conductivity) testers. The microprocessor provides a high level of sophistication with several advanced features, while maintaining a user-friendly interface.

USER REPLACEABLE SENSOR

You can replace the sensor yourself! No tools or messy soldering necessary. You get to use the same tester over and over again saving you money and time.

STAINLESS STEEL SENSOR

Sensor element is of SS 316 and ingeniously recessed for physical protection. Innovative sensor housing design can be used as dip-style or cup-style tester. The superior chemical durability of the sensor casing made of VALOX® gives you many years of trouble free operation. Cup-type sensor is useful for scooping samples with minimal volume required for quick, stable measurements.

TEMPERATURE DISPLAY

The +Series testers feature temperature display - simply toggle between EC and temperature readings at the push of a button.

ULTRA-HIGH RESOLUTION

Your ECScan Pure+ tester has a resolution of 0.1 $\mu\text{S}/\text{cm}$ making it ideal for pure water testing.

PUSH-BUTTON CALIBRATION

Calibration is screwdriver-free, quick and easy. Calibration button is neatly tucked away in the battery compartment to avoid accidental re-calibration.

WATERPROOF

Do not worry if you drop this tester in water – it floats! Double O-ring Silicone seals keep water out and your tester safe from damage.

HOLD

Freeze measured values for later reading and recording, especially useful when you are in dimly lit and confined areas.

AUTO-POWER OFF

Your tester automatically powers off 8.5 minutes after last key selection to conserve battery life and save you money. Estimated battery life-span is more than 140 hours.

SELF-DIAGNOSTIC MESSAGES

The ASIC microprocessor alerts and guides you when batteries need replacement, Over range/Under range, inaccurate calibration, freeing you from unnecessary guesswork.

WARRANTY

Eutech Instruments warrants its testers free from manufacturing defects for 2 years and electrodes for 6 months.

APPLICATIONS

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

Note: We reserve the right to make changes, improvements and modifications to products shown.

SPECIFICATIONS

Specifications		
ECScan High	Range	0 to 19.90 mS/cm
	Resolution	0.10 mS/cm
ECScan Low	Range	0 to 1990 $\mu\text{S}/\text{cm}$
	Resolution	10 $\mu\text{S}/\text{cm}$
ECScan High+	Range	0 to 199.9 mS/cm
	Resolution	0.01 mS/cm
ECScan Low+	Range	0 to 1999 $\mu\text{S}/\text{cm}$
	Resolution	1 $\mu\text{S}/\text{cm}$
ECScan Pure+	Range	0 to 199.9 $\mu\text{S}/\text{cm}$
	Resolution	0.1 $\mu\text{S}/\text{cm}$
Accuracy	$\pm 1\%$ Full Scale	
Operating Temp. Range	0 to 50 °C	
ATC	Yes	
Temperature Coefficient	2% per °C	
Calibration	1 point	
Temperature Display (for ECScan High+/Low+/Pure+ only)		
	Range	-5.0 to 55.0 °C
	Resolution	0.1 °C
	Accuracy	± 0.5 °C
	Calibration	1 point
Battery Life	Four x 1.5 V (Type: A76, LR 44, V136A); >140 hours	
Dimension; Weight	Tester: 16.5 cm x 3.8 cm; 90 g Boxed: 22 cm x 6 cm x 5 cm; 170 g	

ORDERING INFORMATION

Order No.	Item
EC-ECSCANHIGH	Waterproof ECScan High Tester
EC-ECSCANLOW	Waterproof ECScan Low Tester
EC-ECSCANHIGHPLS	Waterproof ECScan High+ Tester
EC-ECSCANLOWPLS	Waterproof ECScan Low+ Tester
EC-ECSCANPURE	Waterproof ECScan Pure+ Tester
EC-TDSWPSENNEW	Replacement Sensor for Waterproof ECScan/TDScan High/Low Tester, 2-pin type
EC-TDSWPSENPLS	Replacement Sensor for Waterproof ECScan/TDScan High+/Low+/Pure+ Tester, Cup type
EC-POUCH-01	Carrying pouch for tester

Eutech also provides tester accessories and calibration standards. Refer to separate brochures for information.

The Waterproof series are registered under U.S. Patent #371,517. Patents outside U.S. are pending.

® VALOX is a registered trademark of GE Plastic.

Distributed By:

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INSTRUMENTS

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