



EcoScan Series Ion 5 And 6



EcoScan Ion 5 Meter
Ion / mV

EcoScan Ion 6 Meter
pH / Ion / mV / Temp



- Microprocessor Based
- Multi-point Push Button Calibration
- Auto Buffer Recognition
- Automatic Temperature Compensation
- Hold And Power-off Functions
- Large Easy-to-read Display
- Self Diagnostic Messages
- Rugged Splash-proof Design

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INSTRUMENTS
Technology Made Easy ...



Eutech's EcoScan Ion 5/6 is based on Eutech's proprietary new generation Application Specific Integrated Circuit (ASIC) that provides sophistication with advanced features, while maintaining a user-friendly interface. This value-for-money EcoScan Ion 5/6 meter meets the requirements for routine indoor/field Ion testing.

MULTI-PARAMETER MEASUREMENT

Eutech's EcoScan Ion 5 is an ideal instrument for ion concentration measurement with ion selective electrodes (ISE). The millivolt (mV) mode is extremely useful for diagnostics purposes. EcoScan Ion 6 measures Ion, mV, pH and temperature - all with one meter.

MULTI-POINT PUSH BUTTON CALIBRATION

Both meters can be calibrated up to 2 or 3 out of 4 calibration points in ion mode guaranteeing unprecedented accuracy across the measurement range. In addition, the EcoScan Ion 6 allows up to 3-point pH calibration with automatic buffer recognition minimizing calibration error if incorrect pH buffers are used. Quick and easy calibration is performed at the touch of buttons.

AUTOMATIC TEMPERATURE COMPENSATION

EcoScan Ion 6 is equipped with automatic temperature compensation (ATC) to ensure your pH readings are accurate even under varying temperature conditions.

HOLD AND POWER-OFF FUNCTIONS

Freeze measured values for later reading and recording, useful in dimly lit and confined areas. Meters power-off automatically 17 minutes after last key selection to conserve battery life and save you money.

EASY-TO-READ DISPLAY

The large custom LCD (Liquid Crystal Display) provides optimum viewing of measured values with units of measure. The display prompts and guides you with self-diagnostic message codes for trouble-free operation.

SPLASH-PROOF KEYPAD

Keypads are splash-proof and designed for easy finger touch operation. Tangible feedback confirms key selection.

PROTECTIVE RUBBER BOOT

A sturdy rubber boot protects the meter from damage due to accidental knocks. A sturdy hinge at the back of boot allows easy benchtop viewing.

INNOVATIVE DESIGN

EcoScan meters are ergonomically designed for convenient one-hand field operation. The ribbed body ensures firm grip preventing meter from slipping during operation.

ELECTRODE

The instrument operates with any ISE (both monovalent and divalent) terminated with a BNC connector and measures directly in ppm. No anti-logarithm conversion is required.

APPLICATIONS

- Agriculture & hydroponics
- Aquaculture
- Food & beverage
- Pharmaceuticals
- Laboratories.

ORDERING INFORMATION

Specifications: EcoScan Ion Series		Ion 5	Ion 6
Ion Concentration Range	0.01 to 1999 ppm	•	•
Resolution & Accuracy	0.01 ppm (0.01 to 0.99 ppm); 0.1 ppm (1.0 to 199.9 ppm); 1 ppm (200 to 1999 ppm) / ±1% Full Scale	•	•
mV Range	-500 to +500 mV	•	•
Resolution / Accuracy	0.1 mV (-200 to 200 mV) / ±0.2 mV 1 mV (-500 to 500 mV) / ±2 mV	•	•
pH Range	0.00 to 14.00 pH	•	•
Resolution / Accuracy	0.01 pH / ±0.01 pH	•	•
Temperature Range	0.0 to 100 °C	•	•
Resolution / Accuracy	0.1 °C / ±0.5 °C	•	•
No. Of Ion Calibration Points	4 (Min. 2 points)	•	•
No. of pH Buffer Options	USA (pH 4.01, 7.00, 10.01) NIST (pH 4.01, 6.86, 9.18) Pb (pH 4.10, 6.97)	•	•
No. Of pH Calibration Points	1, 2 or 3	•	•
Automatic Temperature Compensation		•	•
Hold Function		•	•
Auto Power-Off	After 17 minutes	•	•
Display	Custom LCD	•	•
Inputs	BNC, Phono	•	•
Power Requirements	4 'AAA' Batteries	•	•
Battery Life	> 200 hours	•	•
Operating Range	0 to 50 °C	•	•
Dimension/Weight	Meter: 14 x 7 x 3.5 cm ; 200g Boxed: 24 x 17 x 8 cm ; 550g	•	•

ORDERING INFORMATION

Order No.	Item
EC-ION5/00K	EcoScan Ion 5 meter in a carrying kit (EC-ECODRYKIT)
EC-ION6/02K	EcoScan Ion 6 meter in a carrying kit with (EC-ECOPHKIT) with EC-FE7252101B and EC-PH5-TEM01P
EC-FE7252101B	Epoxy-body single junction pH electrode
EC-PH5-TEM01P	Temperature probe (1 m cable)
EC-ECODRYKIT	Carrying kit with empty sample bottles
EC-ECOPHKIT	Carrying kit with calibration buffers and rinse bottle

Eutech also provides meter accessories, ISE and calibration standards. Refer to separate brochures for information. Eutech Instruments warrants its meters free from manufacturing defects for 3 years and electrodes for 6 months.

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

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