

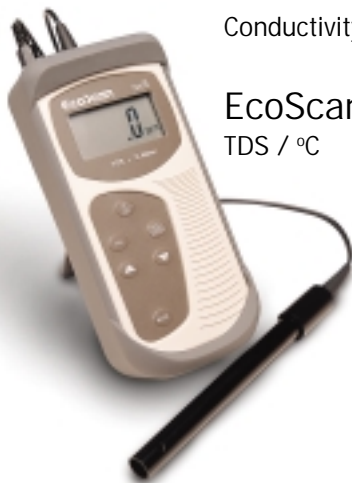


EcoScan Series CON 5, TDS 5



EcoScan CON 5 Meter
Conductivity / °C

EcoScan TDS 5 Meter
TDS / °C



- Microprocessor Based
- Push Button Calibration
- Auto-Ranging Capability
- User Adjustable TDS Factor
- Hold And Power-off Functions
- Large Easy-to-read Display
- Self Diagnostic Messages
- Rugged Splash-proof Design

EUTECH
INSTRUMENTS
Technology Made Easy ...



Eutech's EcoScan CON 5/TDS 5 is based on Eutech's proprietary second generation Application Specific Integrated Circuit (ASIC) that provides ample sophistication with advanced features, while maintaining a user-friendly interface. This value-for-money EcoScan CON 5/TDS 5 meter meets the requirements for routine field conductivity and TDS testing. EcoScan CON 5 meter measures Conductivity and temperature, while EcoScan TDS 5 measures Total Dissolved Solids (TDS) and temperature.

MULTI-POINT PUSH-BUTTON CALIBRATION

Both meters can be calibrated in each range guaranteeing high levels of accuracy. Calibration is quick and hassle-free at a touch of buttons - no screwdrivers required.

AUTO-RANGING CAPABILITY

The meters automatically detect and switch to the appropriate measurement range minimizing guess work.

AUTOMATIC TEMPERATURE COMPENSATION

Meters are equipped with automatic temperature compensation (ATC) to keep readings accurate even under varying temperature conditions.

ADJUSTABLE TDS FACTOR

The TDS 5 allows you to set appropriate TDS factor (0.5 to 0.85) for accurate measurements.

FREEZE AND AUTO POWER-OFF FUNCTIONS

Freeze measured values for later reading and recording, useful in dimly lit and confined areas. Meters power-off automatically after 17 minutes of non-use 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. Tactile feedback confirms key selection, freeing you from guesswork.

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 off during operation.

RUGGED, ALL-WEATHER CARRYING CASE

A custom-built rugged carrying case provides for compact and convenient storage of meter, electrode, calibrating solutions and accessories, helpful for field testing.

APPLICATIONS

- Agriculture & gardening • Aquariums & fish farming • Chemical & manufacturing industry
- Cooling towers & boilers • Laboratories • Printing • Water & wastewater treatment.

Specifications: EcoScan CON/TDS Series		CON5	TDS5
Conductivity Range	0 to 199.9, 1999 μ S/cm 19.99 mS/cm	•	•
Resolution & Accuracy	0.1, 1 μ S/cm & 0.01 mS/cm; \pm 1% Full Scale	•	•
TDS Range	0 to 99.9, 999 ppm, 9.99 ppt (TDS Factor = 0.50)	•	•
Resolution & Accuracy	0.1, 1 ppm & 0.01 ppt; \pm 1% Full Scale	•	•
TDS Factor	0.50 to 0.85 (adjustable) Default 0.67	•	•
Temperature Range	0 to 100.0 $^{\circ}$ C	•	•
Resolution & Accuracy	0.1 $^{\circ}$ C ; \pm 0.5 $^{\circ}$ C	•	•
Calibration Points	1 per range	•	•
Temperature Coefficient	2% / $^{\circ}$ C	•	•
Temperature Compensation	Automatic / Manual (0 to 80 $^{\circ}$ C)	•	•
Auto-Ranging Capability		•	•
Hold Function		•	•
Auto Power-Off	After 17 minutes	•	•
Display	Custom LCD	•	•
Inputs	BNC, phono	•	•
Power Requirements	4 'AAA' batteries	•	•
Battery Life	> 100 hours	•	•
Operating Range	0 to 50 $^{\circ}$ C	•	•
Dimension/Weight	Meter: 14 x 7 x 3.5cm ; 200g Case: 27 x 35 x 7.5cm ; 1.7kg	•	•

ORDERING INFORMATION

Order No.	Item
EC-CON5/03K	EcoScan CON 5 meter in a carrying kit (EC-ECOCONKIT) with EC-CONSEN45B
EC-TDS5/03K	EcoScan TDS 5 meter in a carrying kit (EC-ECOCONKIT) with EC-CONSEN45B
EC-CONSEN45B	Epoxy body conductivity electrode (k=1.0) with 2 stainless steel pins and built-in temperature sensor
EC-ECOCONKIT	Carrying kit with calibration standards and rinse bottle

Eutech also provides meter accessories 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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