



EcoScan Series CON 6, TDS 6



EcoScan CON 6 Meter
Conductivity / °C

EcoScan TDS 6 Meter
TDS / °C



- Microprocessor-Based
- Push Button Calibration
- Auto & Manual 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 6/TDS 6 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.

SINGLE-POINT AND MULTI-POINT AUTOMATIC OR MANUAL CALIBRATION

Both meters allows single or multi-point calibration (up to 4 points) in the automatic mode that provides quick and hassle-free calibration. Manual calibration (up to 5 points) allows non-standards solutions to conform to individual's requirements for best meter accuracy.

USER CUSTOMISATION

The EcoScan CON/TDS 6 meters even permit user-customisation of the following functions: Selecting Normalisation Temperature (20 or 25°C); Adjusting Temperature Coefficient (0.0 to 3.0%/°C); Single-or multi-point calibration; Selecting cell constant (k=0.1, 1.0 or 10.0) and resetting to factory default.

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 6 allows you to set appropriate TDS factor (0.4 to 1.0) 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 20 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.

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

RUGGED, ALL-WEATHER CARRYING CASE

A custom-built rugged carrying case provides 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.

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

Specifications: EcoScan CON/TDS Series		CON6	TDS6
Conductivity Range	0 to 20.00, 200.0, 2000 µS/cm	•	
	0 to 20.00, 200.0 mS/cm		
Resolution	0.01, 0.1, 1 µS/cm; 0.01, 0.1mS/cm		
Accuracy	±1% Full Scale		
TDS Range	0 to 10.00, 10.0 to 100.0, 100 to 1000 ppm; 1.00 to 10.00, 10.00 to 100.0, 100 to 200 ppt (depending on factor setting)		•
Resolution	0.01, 0.1 ppm; 0.01, 0.1, 1 ppt	•	•
Accuracy	±1% Full Scale	•	
Conductivity to TDS Conversion factor	0.4 to 1.0		•
Number of calibration points	5: Maximum 1 per range	•	•
Temperature Range	-10.0 to 110.0 °C 32.0 to 212 °F	•	•
Resolution/Accuracy	0.1 °C/±0.5 for °C & °F	•	•
Cell Constant	0.1, 1.0, 10.0 (selectable)		
Temperature Coefficient	0.0 to 3.0% / °C	•	•
Normalisation Temperature	20.0 °C & 25.0 °C (selectable)	•	•
Temperature Compensation	Automatic / Manual (from 0 to 50 °C)	•	•
Auto-Ranging Capability	—	•	•
Hold Function	—	•	•
Auto Power-Off	20 minutes after last key operation	•	•

ORDERING INFORMATION

Order No.	Item
EC-CON6/03K	EcoScan CON 6 meter in a carrying kit (EC-ECOCONKIT) with EC-CONSEN91B
EC-TDS6/03K	EcoScan TDS 6 meter in a carrying kit (EC-ECOCONKIT) with EC-CONSEN91B
EC-CONSEN91B	3 ring SS, Ultem body Electrode with ATC, cell constant = 1.0, 16 X 110 mm, 1m
EC-ECOCONKIT	Carrying kit with calibration standards and rinse bottle

The EcoScan series meters are supplied with a 3-year warranty from manufacturing defects and 6 months for electrode.

Distributed By:

Eutech Instruments Pte Ltd
55, Ayer Rajah Crescent, #04-16/24, Singapore 139949
Tel: (65) 6778 6876 Fax: (65) 6773 0836
E-mail: marketing@eutechinst.com
Web-site: http://www.eutechinst.com

Eutech Instruments Europe B.V.
Mail Address: P.O.Box 254, 3860 AG Nijkerk Netherlands Visit
Address: Wallerstraat 125K, 3862 CN Nijkerk Netherlands
Tel: (31) 33-2463887 Fax: (31) 33-2460832
E-mail: info@eutech.nl Web-site: http://www.eutech.nl

Eutech Instruments USA
625 East Bunker Court,
Vernon Hills, Illinois 60061, USA
Tel: (1) 847-327-2727 Fax: (1) 847-247-2984
E-mail: eutechusa@eutechinst.com
Web-site: http://www.eutechinst.com