

# Waterproof CyberScan

# Series 400

for Conductivity



**CyberScan CON 400 Meter**  
Conductivity / °C / °F

**CyberScan TDS 400 Meter**  
TDS / °C / °F

**CyberScan CON 410 Meter**  
Conductivity / TDS / °C / °F



- Floats
- Microprocessor Based
- User Customizable Setup
- Multi-point Push Button Calibration
- Auto-Ranging Capability
- Auto-hold
- Stores/Recalls Up To 50 Data Sets
- Date And Time Stamp
- Designed For GLP
- Adjustable TDS Factor



**The Waterproof CyberScan Series 400 Conductivity/Total Dissolved Solids (TDS) meters are specially designed to meet the rigours of outdoor field measurement. These meters are equipped with an Application Specific Integrated Circuit (ASIC) microprocessor which provides many advanced features through its user customizable setup functions, while maintaining a user-friendly interface.**

#### INNOVATIVE WATERPROOF DESIGN

Eutech waterproof hand-held meters are ergonomically designed to be waterproof (IP67) and extremely light. The meters even float in water for easy retrieval; suitable for rugged out-door use and convenient one hand operation.

#### USER CUSTOMIZATION

The CyberScan Series 400 Conductivity/TDS meters permit user-customization of the following functions: • Stability • Time & date • Unit of temperature measurement • Selectable cell constant • Adjustable TDS factor • Temperature coefficient • Normalization temperature.

#### AUTO-RANGING WITH EXTENDED RANGE

The CyberScan Series 400 meters are quick to detect and switch to appropriate measuring range, thus eliminating guesswork.

#### SELECTABLE TEMPERATURE COEFFICIENT AND CELL CONSTANT

User selectable temperature coefficient values and conductivity cell constants enable accurate measurements.

#### MULTI-POINT CALIBRATION

Up to 5-point calibration (1 per range) guarantees unprecedented full range accuracy.

#### Specifications: CyberScan Waterproof Meters CON400 410 TDS400

Conductivity Range	0 to 19.99, 199.9, 1999 $\mu$ S/cm; 19.99, 199.9 mS/cm	•	•	•
TDS Range	0 to 9.99, 99.9, 999 ppm; 9.99, 99.9 ppt, Max. of 199.9 ppt based on factor setting	•	•	•
Resolution	0.05% of Full Scale	•	•	•
Accuracy	$\pm 1\%$ Full Scale +1 digit	•	•	•
Temperature Range	0.0 to 100.0 $^{\circ}$ C 32.0 to 212 $^{\circ}$ F	•	•	•
Resolution / Accuracy	0.1 $^{\circ}$ / $\pm 0.3$ $^{\circ}$	•	•	•
Cell Constant (k)	0.1, 1.0, 10.0 (Selectable)	•	•	•
Temperature Compensation	Automatic / manual (from 0 to 80 $^{\circ}$ C)	•	•	•
Temperature Coefficient	0.0 to 10.0% / $^{\circ}$ C	•	•	•
Normalization Temperature	15.0 or 30.0 $^{\circ}$ C (adjustable)	•	•	•
Conductivity to TDS	0.5 to 1.0	•	•	•
Conversion Factor		•	•	•
No. Of Calibration Points	5; Maximum 1 per range	•	•	•
Auto-ranging		•	•	•
Hold Function		•	•	•
Memory	50 50 50	•	•	•
Date & Time Stamping		•	•	•
Auto Power-off	After 20 minutes	•	•	•
Averaging/Stability/Auto-hold	Selectable	•	•	•
Inputs	6-pin military type	•	•	•
Display	Custom Dual LCD	•	•	•
Power Requirements	4 'AAA' Batteries	•	•	•
Battery Life	> 100 hours	•	•	•
Dimension / Weight	Meter: 19 x 10 x 6cm; 320g Boxed: 24 x 23 x 7cm; 700g	•	•	•



1 Large customized LCD

2 Back connector

3 Meter floats in water

4 Store up to 50 sets of data



#### MEMORY BACKUP AND TIME/DATE STAMPING

Up to 50 sets of data can be stored. Each set of data and calibration values are stored with respective temperature, time and date information, perfect for Good Laboratory Practice (GLP) requirements.

#### ELECTRODE WITH BUILT-IN TEMPERATURE SENSOR

The conductivity electrode has a built-in temperature sensor and is specially designed to minimise bubble entrapment during measurement. Wetted materials including Stainless Steel, PBT and Ultem<sup>®</sup> have good chemical durability.

#### EASY-TO-READ DISPLAY

The large custom LCD (Liquid Crystal Display) shows both primary (Conductivity/TDS or date) and secondary (temperature or time) values measured, complete with mode and units of measure. Graphic symbols and self diagnostic message codes provide user comprehensive information for easy and trouble-free operation.

#### WARRANTY

Eutech Instruments warrants its meters free from manufacturing defects for 3 years and electrodes for 6 months.

® ULTEM is the registered trademark of GE Plastics.

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

#### ORDERING INFORMATION

Order No.	Item
EC-CONWP400/03K	CyberScan CON400 meter with EC-CONSEN91W & EC-CONWP-KIT
EC-TDSWP400/03K	CyberScan TDS400 meter with EC-CONSEN91W & EC-CONWP-KIT
EC-CONWP410/03K	CyberScan CON410 meter with EC-CONSEN91W & EC-CONWP-KIT
EC-CONSEN91W	Plastic body Conductivity electrode (k=1.0) with 2 stainless steel rings and built-in temperature sensor (1m cable)
EC-CONWPKIT	Carrying case with bottles & calibration standards

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

Distributed By:

**EUTECH**  
**INSTRUMENTS**  
Technology Made Easy ...

#### Eutech Instruments Pte Ltd

55, Ayer Rajah Crescent, #04-14/24, Singapore 139949

☎: (65) 778 6876 ☎: (65) 773 0836 ✉: marketing@eutechinst.com 🌐: 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

☎: (31) 33-2463887 ☎: (31) 33-2460832 ✉: info@eutech.nl 🌐: http://www.eutech.nl