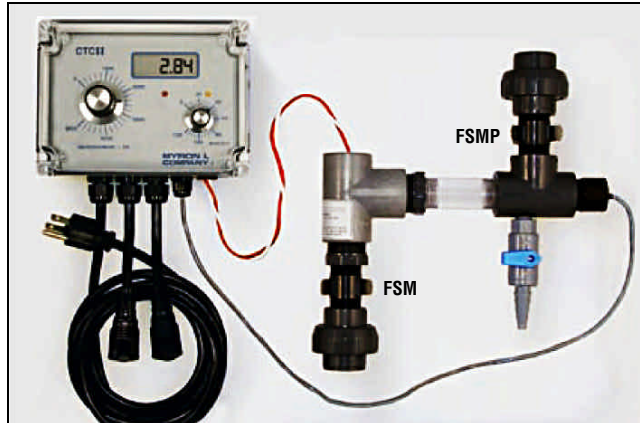


Triangular Wave Technologies, Inc. (TWT®) Water & Fluid Management Solutions

TWT-CTDSCM-02 Conductivity/TDS Controller/Meter Kit

Designed Specifically for Treated Water - Excellent for Cooling Towers



In-Line Conductivity/TDS Controller/Meter Kit – Five (5) unit kit

CTCII-Controller

FSM – Flow switch & manifold

FSMP – Mounting panel (horizontal or vertical mounting)

MBV – Mini ball valve (sample port)

SQCO – Quick-Connect, sensor cable

Other kits available upon request

SPECIFICATIONS:

- IP65/NEMA 4X water resistant & corrosion proof enclosure
- Clear, screw down lid allows great visibility while discouraging unauthorized adjustment
- Comes complete with an easily installed CSAR sensor, or for those more demanding jobs, the optional CS51R sensor.
- Single set point/alarm
- Easy knob adjustment of set point
- Led shows "above/below" Alarm/ Control status
- Adjustable set point hysteresis
- Includes power cords: One (1) input cord, Two (2) output plugs
- **Ranges:** 0-5000 μS (μM) / ppm 442™
- **Display:** Models CTC II & CTC IT: NONE Models CTC II D & CTC II TD: 1/2 in./13 mm 3 1/2 Digit LCD; opt. 3 1/2 or 4 1/2 Digit Backlit
- **Accuracy:** +1% of full scale
- **Sensitivity:** 0.05% of full scale
- **Stability:** 0.05% of full scale
- **Repeatability:** 0.1% of full scale
- **Calibration Check:** Built in
- **Voltage Output:** 0-10 VDC @5 mA max.(linear); standard all models
- **Sensor Inputs:** 1
- **Control Function:** Single Alarm / Controller fully adjustable 0 -100% of full scale. Hysteresis: Adjustable from 0.3-6% of full scale. Indicators: Above (red) and below (green) set point LED. Contact Rating: SPDT 10 amp @125 VAC, 30 VDC Relay operates increasing reading. Fuse Output: 5 amp x 2
- **Power:** 115 /230 VAC, 50 /60 Hz, $\pm 15\%$ (user selectable)
- **Max Power Consumption:** @115V: 100 milliamps
- **Dimensions:** 4.7" H x 6.3" W x 4.7" D
120 H x 160 W x 120 D mm
- **Construction:** Fully gasketed heavy-duty ABS case; water resistant and corrosion proof IP65 /NEMA 4X rated
- **Ambient Temperature Range:** 32° to 140° F/0 °C to 60 °C
- **Weight:** 2 lbs./ 0,9 kg

SPECIFICATIONS — CSAR

- **Temperature Compensation:** Integral temperature sensor allows automatic TC to 25°C between 0-100°C/32-212 °F.
- **Pressure / Temperature Limits:** 75 psi/ 5,2 bar @60 °C/140 °F.
- **Material:** ABS plastic body, 316 Stainless Steel electrodes.
- **Dimensions:** 3/4 "MNPT, electrode length - .75 in./19 mm.
- **Cable:** 24 ga. shielded, 10 ft./3 meters standard; 25 ft./8 meter & 100 ft. / 30 meter lengths available. 100 ft. is maximum recommended.

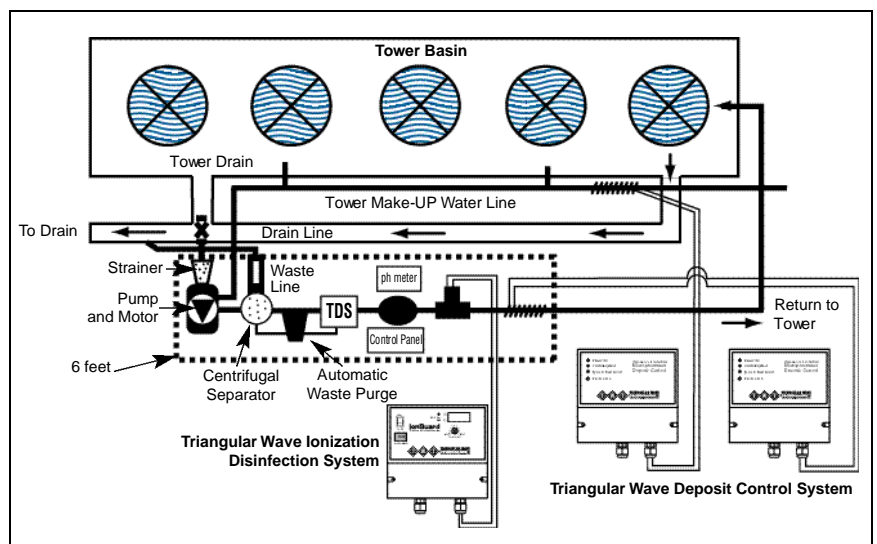
Note:

SCH 80 installation with CSAR sensor requires "T" Fitting (#TFM4).

OPTIONAL SENSORS

- **CS51R:** stainless steel sensor, for those more demanding applications, is available upon request.
- **Pressure/Temperature Limits:** 100 psi/6,9 bar @100 °C/212 °F. The sturdy polypropylene bushing is modular for easy inexpensive replacement. Several alternatives for the metal portion of the sensor are available, depending on the demands of the application.

Additional high pressure, high temperature sensors are available on special order.



Suggested TWT® Products Application

*All kits and products are shipped with easy to follow application & installation instructions
See reverse side for other water quality instrumentation products & applications*

WATER QUALITY INSTRUMENTS HAND HELD & IN-LINE PROCESS CONTROL

Accuracy • Reliability • Simplicity

MONITOR/CONTROLLERS

Aquaswitch

Computers (Controllers)

Automatically Switches from Exhausted to Fresh DI Bank

Conductivity Monitors/Controllers

Reverse Osmosis, Process Control, Seawater Desalination, Waste Treatment, Food Processing, Plating, Power Plants, Laboratories, Printing

Resistivity Monitor/Controllers

Ultrapure (Deionization (DI) and Distillation) Water Treatment Systems, Electronics, Pharmaceuticals, Laboratories, Food Processing, Plating, Power Plant

Controlstik

Rinse Tank Systems

Automatic Controller for Rinse Water

CTC11™

Chemical Treatment Controller/
Cooling Tower Controller

Designed Specifically for Chemical Treatment, Excellent for Cooling Towers

pH/ORP

Monitor/Controllers

Reverse Osmosis, Process Control, Seawater Desalination, Waste Treatment, Food Processing, Plating, Power Plants, Laboratories, Printing, Boilers, Cooling Towers, Potable Water, Swimming Pools & Spas, Paper & Pulp, Bleach Manufacturing, Reduction of Chromate Waste, Environmental

RO-Check™ POU TDS

Home Monitor

HAND HELD INSTRUMENTS

Acri-Meters

Water & Soil pH, Salinity, Conductivity, Fertilizer Concentration

DS and pDS Meters

Conductivity or TDS & pH

RO Meters

Dissolved Solids

Ultrameter 11™

Conductivity, Resistivity, TDS, pH, ORP & Temperature

Dialysate Meters

Dialysate Solution Conductivity

Litho-Kits

Fountain Solution Control

Techpro™

Conductivity/TDS, pH & Temperature

Standard Solutions & Buffers



Pocket size hand-held meter

If the instrument you desire is not listed, please E-mail us at: info@triangularwavewave.com with your requested product information.

Visit Triangular Wave Technologies, Inc. Comprehensive Website. The Valuable Technical Resource For All Involved In Water And Fluid Management. WWW.Triangularwave.com

