



ChemScan Control Point 2.0

The ChemScan Control Point 2.0 displays the results from multiple sensors in one centralized location. The monitor is designed to interface with individual sensor probes and Multi-sensor probes, allowing for the connection of 1 or 2 probes for a maximum of 16 parameters. With Modbus or 4-20 mA connections (2 outputs maximum), the sensor data can be transmitted to the plant SCADA system.

The Control Point 2.0 contains a built-in trending display, customer configurable, that shows the last 24 hours data for any measurement point on an easy to navigate graph. This can also be downloaded for reporting purposes. An external USB port and data logging function allows users to log and retrieve all stored data for a site in a standard .csv format without the need for specialist SD cards or compatible hardware.

Combining sensors provides a very cost effective way of simultaneously monitoring parameters such as dissolved oxygen (using the ChemScan RDOX) in an activated sludge plant or pH/ORP, Turbidity, DO, Temperature (using the ChemScan MPX4) at a treatment works outfall.

FEATURES

- Interfaces with all ChemScan family sensors and probes
- Rugged display with large, easy to read text
- Built in trending display, customer configurable
- External USB port and data logging function
- Connections for two probes
- Connects to plant SCADA

BENEFITS

- Designed for various Water and Wastewater Municipal applications
- Cost effective way to combine multiple ChemScan probes
- Simultaneously monitor multiple parameters

www.ChemScan.com

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1-262-717-9500 (U.S.A. and international)

Applications:

- **LONG-TERM DRINKING WATER AND WASTEWATER PROCESS MONITORING**

GENERAL	
DIMENSIONS	7.3 x 8.4 x 3.7" (HxWxD) 185 x 213 x 95 mm
WEIGHT	3.1 lbs (1.4 kg)
PROTECTION CLASS	NEMA 4X, IP65
ENCLOSURE MATERIAL	Polycarbonate (PC)
CABLE ENTRIES	1x M20, 4x M16, 1 x USB Type A
ENVIRONMENTAL DATA	
OPERATING TEMPERATURE	-4 to +140°F, (-20 to +60° C) 0-95% Humidity (Non-Condensing)
ELECTRICAL	
POWER SUPPLY	85 to 264 VAC 50/60 Hz
POWER RATING	AC Supply - 0.8A
USER INTERFACE	
DISPLAY	Sunlight Readable Black on White Graphic LCD
BACK LIGHT	On/Off/On after Keypress with user adjustable contract
KEYPAD	6 Key
TRENDING DISPLAY	24 hour trend display - user configurable
DATA LOGGING	USB port for user memory stick 10,000 records limit User configurable intervals 1-999 seconds
INPUTS	
SENSOR	2x ModTech, RS485
AUXILIARY	Additional input for ancillary devices such as sample presence detectors. This connection can also be used for powering such devices

OUTPUT OPTIONS	
OPTION 1	P/N 229745
SERIAL COMMUNICATIONS	Modbus RTU on RS485
ANALOGUE	N/A
RELAYS	1
RELAYTYPE	SPCO
RELAY RATING	Max 2A @ 30VDC/230VAC
AUXILIARY CONNECTIONS	Configurable for Remote Input, Device Power

OPTION 2	P/N 229743
SERIAL COMMUNICATIONS	N/A
ANALOGUE	2x 4-20 mA, maximum load 750 ohm
RELAYS	3
RELAYTYPE	SPCO
RELAY RATING	Max 2A @ 30VDC/230VAC
AUXILIARY CONNECTIONS	Configurable for Remote Input, Device Power