

CS-928™

Point-of-Use, Metal Ion Concentration Sensor for Liquid Chemicals

CS-928™ is Jetalon's compact, real-time, metal ion concentration sensor for liquid chemicals. The CS-928™ sensor head has a miniaturized surface plasmon resonance optical subsystem and the active sensor surface is customizable to measure the concentration of a variety of metal ions including Cu, Ni, Co, Pb and Hg. CS-928™ can measure concentrations from 50 ppb to 20 ppm (and greater) with a response time of less than 10 seconds. The compact size and digital electronics circuit make CS-928™ convenient to install and scalable for up to four simultaneous metal ion concentration measurements. CS-928™ can be used as a concentration monitor with configurable alarms and as a process control system. Concentration measurements are output to a LCD screen and to customizable analog and digital data outputs. Jetalon's 928-connect™ graphical user interface software provides additional functionality for data acquisition, analysis and field calibration.



*The CS-928™ Optical Fluidic Cell measures
85mm x 50mm x 95mm*

CS-928™ Applications:

- Environmental Compliance Monitor
- Process End-Point Detection Monitor
- Water Quality Monitor
- Water Treatment Process/Breakthrough Monitor
- Remediation Monitor

CS-928™



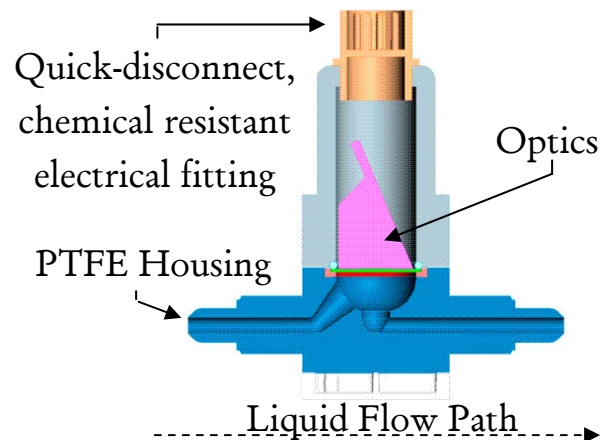
The CS-928™ Electronics Package supports 1 - 4 Sensors. The front-mounted LCD simultaneously displays Concentration and Temperature for each CS-928™ Sensor.

Additionally, 4-20mA Analog outputs for Concentration and Temperature are provided for each Sensor.

CS-928™ Product Features:

- Real-time, in-process measurement
- Compact size, wetted parts compatible with ultrahigh purity and caustic chemicals
- Easy, flexible and scalable installation
- Process transparent, no moving parts

CS-928™ Cutaway View:



CS-928™ Specifications Table

| | |
|----------------|-------------------------|
| Dimensions | 85mm x 50mm x 95 mm |
| Flow Range | 0 -80 liters/minute |
| Temp. Range | 10 - 80 degrees Celsius |
| Sensitivity | 0.1 ppm |
| Response Time | 10 seconds |
| Pressure Range | 0 - 100 psi |

About Jetalon Solutions

Jetalon Solutions, Inc. is a leader in liquid chemical monitor and control systems, providing manufacturing innovations to the world's largest high-technology companies.



1731 Dell Ave. Campbell, CA 95008

Phone 408-866-6318 Fax 800-878-2311

www.jetalon.com sales@jetalon.com