



(주)엠씨마스터스

MC Masters
Measurement & Control

ChemScan® mini Cu

COPPER ANALYZER

Real-time Data for Process Monitoring, Cost Control

The new single parameter in-line analyzer family utilizes years of ChemScan experience and proven technology to provide reliable and accurate analysis of water and wastewater. This device has been designed from the ground up to reduce maintenance requirements, includes large ID sample tubing to minimize plugging and only needs quarterly reagent refills.

FEATURES

- Automatic Analysis Utilizing Proven DEDTC Method
- Low Maintenance
- Proven Sample Handling with Large I.D. Flow Paths
- Simple Field Adjustable Calibration
- Sample Blank to Eliminate Background Interference
- Automatic Cleaning

CAPABILITIES

- Automatic Analysis
- Continuous Output
- Multiple Data Communication Interface Options

APPLICATIONS

- Potable Water
- Wastewater Effluent

BENEFITS

- High Reliability
- Low Capital Cost
- High Accuracy
- Low Operating Cost



SPECIFICATIONS

| | |
|----------------------|---|
| Range: | 0.02 - 6.0 mg/L (Method 1065) 0.001 - 2.00 mg/L (Method 1056) 0.05 - 6.0 mg/L (Method 1027) |
| Accuracy: | 2% of value or 2x detection limit (whichever greater) |
| Cycle Interval: | 7 minutes to 9999 minutes (field programmable) |
| Environment: | 5 - 50 degrees C (method dependent) |
| Power: | 100 - 240 VAC, 50 W |
| Enclosure: | NEMA 4X |
| Safety Approval: | CSA-US |
| Sample Requirements: | 0.5 - 1 Liter/analysis, pressure 2 to 10 psi, <150 mg/L TSS, <60 NTU |
| Maintenance: | Reagent replacement every 3 months, pump kit yearly |
| Relay Contacts: | 1 SPDT Concentration, 1 SPDT Programmable |
| Serial Interface: | RS-232 Maintenance Port |
| Analog Output: | Isolated 4-20 mA |

ChemScan®
An  **In-Situ Brand**

"Monitoring a World of Water"

ChemScan, Inc.

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