

Totally New

# "CTS" Valveless Chemical Treatment System

For Maintenance-Free pH Control  
in Water & Wastewater Applications



## "CTS"

### Dimensions:

9 3/4" x 4 3/4" x 5 3/8"  
(248 x 121 x 137mm)

### Shipping weight:

10 lb (4.5 kg)

### Electrical:

CTS: 0-90 VDC

C100A: Power input: 100 VAC 50/60 hz  
Control input: Manual, 4-20 mA

The "CTS" pump is ideal for metering of caustic soda & soda ash for pH control in municipal drinking water, as well as municipal and industrial wastewater applications.

- No Valves or Diaphragms to Service
- Self Priming Against 125 psi
- No Loss of Prime...Ever !
- 1% Drift-free Accuracy – Never need to recalibrate
- Ceramic Internal Components
- Small footprint, low Energy Consumption
- Wall Mount Design with Protective Enclosure
- Flows up to 18 gal/hr

The "CTS" pump uses a unique valveless piston technology. A single rotating and reciprocating ceramic piston accomplishes both the pumping and valving functions, thereby eliminating the need for check valves and the associated maintenance.

Sapphire-hard internal ceramics insure that there is no degradation in accuracy over time and no need to recalibrate. At a fraction of the size and weight of pumps typically used for caustic soda and soda ash water treatment, FMI's space-saving design measures 10" x 5" x 5", weighs only 10 lbs, and can be wall mounted. Operating on less than 100 watts of power, the unit virtually pays for itself in energy saved, often in a few short months.

For additional information, Call toll free 1-800-223-3388 or 1-516-922-6050, FAX 1-516-624-8261, email: [Info@chloritrol.com](mailto:Info@chloritrol.com) or visit our website at [www.chloritrol.com](http://www.chloritrol.com).



**Chloritrol® CL1**

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The solution for accurate maintenance-free Sodium and Calcium Hypochlorite injection.

- Protective Enclosure
- No valves or diaphragms to service.
- No loss of prime EVER.
- Ability to prime against 125 psi line pressure.
- Months of “no touch” service = fast payback.
- Low energy consumption.
- Space-saving wall mount, small foot print.



**QBG1CSC**

**QBG Low Current 12-24 VDC Pump**

Ideal for Rhodamine dye injection for groundwater flow studies.

- One Moving Part - Piston.
- No valves to clog, hang up or service.
- 1% Accuracy Drift-Free Operation.
- Low Current DC for extended 12/24 V battery operation in remote locations.
- Self Priming.



**IVSP**

Industrial Variable Speed Pump



**PDS-100**

Programmable Dispensing System



**STH**

Compact OEM Pump



**VMP**

Electronic Variable Displacement Pump



Need Application Assistance???

Call Us at 1-516-922-6050 or visit us @ [www.chloritrol.com](http://www.chloritrol.com)

Send us an email at: [Info@chloritrol.com](mailto:Info@chloritrol.com)

**LIVE ONLINE HELP**

>> Chat live online with an application expert.

