



# sure'n safe<sup>®</sup> Chemical Dosing System



**Sure chemical delivery, safe operation.  
Remote operation capability.**

## **CAPACITY**

0.0002 - 80 L/hr

0.3 - 1000 L/hr

## **PRESSURE**

0.3 - 25 bar

2 - 100 bar

## **CONTROL PANEL**

sure'n safe<sup>®</sup> CSA

## **ENCLOSURE**

FRP & Acrylic Window

## **PIPING & FITTINGS**

3/8" (10 mm) PVC  
or 1/2" (13 mm) PVC

## **TANK**

60 - 200 L

## **CONTAINMENT SCALE**

4-20 mA output  
(chemical usage)

## **TANK LEVEL SWITCH**

Low Level

## **LEAK DETECTION**

Containment Leak  
Detector

## **ALUMINUM FRAME**

With or Without Wheels





## sure'n safe® CONTROL PANEL

Duty/standby capability, with following features:

- Hand/Off/Auto Selection
- Duty Pump Selection
- Alternating Duty Pump, based on/off command or based on timer
- Pump Alarms
- Tank Low Level Alarm
- Leak Detection Alarm
- 4-20 mA output proportional with chemical usage



## ALTERNATIVE PUMPS

- Peristaltic
- Plunger
- Piston



## PRISMA PUMPS

- PVDF wetted parts, ceramic balls, PTFE diaphragm (5 years warranty).
- IP 55 enclosure, QPS Safety Approval.
- Diaphragm Stepper Motor Pump
- 4800 : 1 Turn-Down Ratio
- Multicolor display
- Slow Suction Mode
- Electronic Stroke Length Adjustment
- Modbus
- WiFi
- Foot Valve with Level Switch and Strainer
- 5 Years Warranty on Electronics

## THIS SYSTEM CAN BE SUPPLIED ON DIFFERENT OPTIONS, AS FOLLOWS:

### OPTION 1

Chemical system with junction box installed on HDPE board (wall installation)

### OPTION 2

Chemical system with **sure'n safe®** control panel installed on HDPE board (wall installation)

### OPTION 3

Chemical system with junction box in a FRP enclosure with E-Stop push button (wall installation)

### OPTION 4

Chemical system with **sure'n safe®** control panel in a splash proof FRP enclosure with E-Stop push button (wall installation)



## SCALETION SCALE & CONTAINMENT

- Analog Output: 4-20 mA
- Relay Level Indication: 2 (optional)
- Accuracy: 0.1%
- Power Requirements: 0.3A @ 120 vac
- Controller Enclosure: NEMA-4X
- Platform Size: 24" x 26" cUL (610 x 660)
- Containment Capacity: 290 L (77 usg)
- Rugged steel construction protected by corrosion resistant steel, with polyethylene containment basin
- Load cells are mounted outside of spill containment basin to eliminate damages due to chemical spill

### OPTION 5

API pumping system

### ADDER 1

Two PVDF flow monitors installed on pump discharge

### ADDER 2

200 L tank, containment, level and containment switches

### ADDER 3

Tank scale with 4-20 mA output & alarms

### ADDER 4

Self standing aluminum frame