

## Mineral Injection Systems

Applied Membranes mineral injection systems are designed to inject minerals in to drinking water. One to four minerals can be injected at one time. The systems are designed for flow rates from 1 to 30 gallons per minute. Larger flows are possible by adding the increased line size option below. A typical system would inject three minerals: calcium, potassium and magnesium. The injection systems meet all IBWA, FDA and health code requirements.



### Key Features

- Over 38 years of experience is reflected in our quality
- Proven components used throughout the system
- Conservatively engineered for reliable long term performance
- Factory tested to ensure trouble-free operation

Model No.	Qty. of Chemical Tanks	Metering Pump Size		Line Size
		GPD	PSI	
Y-CHEMSK1	1	24	60	Up to 2"
Y-CHEMSK2	2	24	60	Up to 2"
Y-CHEMSK3	3	24	60	Up to 2"
Y-CHEMSK4	4	24	60	Up to 2"

### Standard Equipment: Typical equipment included is listed below

- Skid mounted on a heavy duty powder coated frame
- Adjustable Liquid metering pumps
- Solution Mixers
- Solution Tanks, Food-Grade Polyethylene
- In-Line static mixer
- TDS monitor with set-point and alarm
- Schedule 80 PVC and Polyethylene Piping
- Connect directly into main piping, 1.5" to 2" standard
- NEMA 4 Electrical Enclosure
- Low level tank safe-guard

### Optional Equipment

- 2.5" to 4" Line Size for higher flows
- pH monitoring
- Crating

### Voltage/ Ordering Information

Please add our voltage codes to the end of the model number when ordering.

**Example:** Y-CHEMSK3-116 = 110v / 1 ph / 60 hz.

- Voltage Codes:
- **116** = 110v, 1ph, 60hz
  - **215** = 220/230v, 1ph, 50hz
  - **216** = 220/230v, 1ph, 60hz
  - Three Phase Not Available

