



SH In Line Mineral Injection System

THE SH MINERAL INJECTION SYSTEM PROVIDES ACCURATE FLOW CONTROLLED INJECTION.

- Mineral Injection and Static mixing continuously at up to rated flow
- Injection of Multiple Minerals simultaneously (using two Injection points)
- Fully Adjustable Controls for TDS Level Control
- Continuous Digital Readout of Flow Rate and TDS

Including:

- Flow Measurement for Injection Accuracy and Displayed in GPM and Total Gallons
- Signet Conductivity Meter with Analog and Digital Display
- Low and High TDS Alarm
- Programmable Controls
- Sanitary Stainless Header Pre-Piped Includes:
 - Sanitary Flow Meter Point
 - Dual Injection Points
 - Komax Sanitary Stainless Triple Static Mixer
 - TDS Monitoring Point and Probe
- PLC Control System in UL listed Nema 4 Enclosure
- High Performance Programmable Injection Pumps
- Cone Bottom Mineral Mixing and Storage Tanks on Stainless Support Stand
- Propeller Mixer Pre-Mounted in Tanks
- 3 Way Switch for Mixer Operation
- Lexan Mixing Tank Lid Locks
- Installation and Operations Manual

MODEL	SANITARY HEADER SIZE	MIXING TANK SIZE	SKID DIMENSIONS	VOLTAGE
30-60 GPM	1 ½"	35 gal.	60"L x 30"D x 51"H	120V, 12a
120 GPM	2"	35 gal.	60"L x 30"D x 51"H	120V, 15a
180 GPM	3"	65 gal.	94"L x 46"D x 60"H	120V, 20a
240 GPM	3"	65 gal.	94"L x 46"D x 60"H	120V, 20a
300 GPM	4"	100 gal.	94"L x 46"D x 60"H	120v, 20a

Options

Stainless Steel Injection Tanks	316SS construction, polished with flanged top
Fluoride Injection and Monitoring	3 rd Tank and injection point for fluoride mixture ATI continuous fluoride monitor with high and low alarms
Post MI Filter	1 micron absolute filter in SS housing
Custom	<ul style="list-style-type: none"> - Higher injection rates - Viscous fluids - Multiple Tanks - Injection rate monitoring



MI 120 FRONT VIEW



MI 120 BACK VIEW