

MPW's Mobile Silica Lab provides a fully automated, continuous analysis of silica levels in deionized product water. A manual sample may be taken from an easy-access lab faucet. The lab is climate controlled and includes an office for personnel.



### Features

- Hach 5000 Silica Analyzer
- Thornton M800 Transmitter
- Thornton Conductivity Sensor
- Allen-Bradley VersaView 1500
- Rosemount 8800D Vortex Flow Meter
- Internally Compressed Air Supply



### Data Collected

- Silica Level ( $\mu\text{g/L}$ )
- Water Flow Rate
- Conductivity ( $\mu\text{S/cm}$ )
- Temperature



## Technical Specifications

### DIMENSIONS

Trailer: (LxHxW) 10'x 8'x8'6"  
 Operating Weight 3700 lbs

### PRODUCT WATER

Flow Rate Up to 200 GPM  
 Silica  $\leq 10$  ppb  
 Effluent Conductivity  $\leq 0.1 \mu\text{S/cm}$

### CONNECTIONS

Inlet / Outlet 6" SS Female camlock  
 0.5" SS External Air Supply Chicago Fitting  
 1.5" Fire Hose Discharge Hookup

### POWER OPTIONS

3 120V, 15A w/AC  
 2 120V, 15A  
 1 240V, 30A

