

*Designed to Give You Accuracy and Precision  
Through Automatic Electronic Mixing*



**MIXING**

### Proportional Mixing Unit

- Blends up to Two Reagents with Water
- Precise Electronic Mixing

## PMF-203

### Fountain Solution System

- Lower Fountain Solution Costs
- reduced Downtime & Paper Waste
- LOWER Labor Costs



**CIRCULATING**

### Circulating Unit

- Reliable Stainless Steel Close Coupled Supply Pump
- Corrosion-Resistant Stainless Steel & Polypropylene Piping Network
- Fully Insulated 30-Gallon Reservoir
- Removable Panels for Easy Access



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# PMF-203 Options

- **Upgrade to 1 HP Supply Pump**  
Required for more than 12 Trays or 2 or more 4 Hi Units or 50 HZ Operation.
- **Duplexed Stainless Steel Filter Canisters**  
Including 3-Way Valve - Mounted on the Back Side of the Unit.
- **Single Stainless Steel Filter Canister**  
Including By-Pass Valve - Mounted on the Back Side of the Unit.
- **Power Return Pump**  
Including Filter/Regulator, Quick Disconnect Fittings and Hoses.
- **Press Side Accumulator Tank**  
Including Pre-Filters and Controls for Diaphragm Pump Operation.
- **Mechanical Refrigerant Units**  
1, 1 1/2, or 2 Ton Units.
- **Stainless Steel Heat Exchanger**  
Including Manual Control Valve and Stainless Steel Thermometer Mounted on the Back Side of the Unit.
- **Conductivity Meter Assembly**  
Including Probe, Mounted in Fiberglass Box including Fittings & Power Cord (120V/60).
- **Conductivity/pH Meter**  
Including Probes, Mounted in Fiberglass Box includes Fittings & Power Cord (120V/60).
- **Remote Digital Readout**  
For Monitoring Conductivity or pH up to 2,000' from the Main Unit.
- **Remote Reagent Supply**  
Automatically switches drums to maintain a continuous supply of solution.
- **Two-Part System**  
Permits use of two different chemicals.
- **Automatic Reagent Switching**  
Switches to backup drum/tote when empty (1 part system).
- **Spare Parts Package**

## Specifications & Dimensions

General	Operational
<p><b>Cabinet Size:</b> 41" H x 40" L x 26" D  <b>Paint:</b> Safety Blue (or other colors)  <b>Weight:</b> Shipping: 500 lbs.            Operating: 625 lbs. (estimated)</p> <p style="text-align: center;">- MIXING UNIT -</p> <p><b>Cabinet Size:</b> 18" W x 24" L x 7" D  <b>Control:</b> PLC Mitsubishi FXO  <b>Paint:</b> Safety Blue (or other colors)  <b>Mounting:</b> Wall or Pedestal  <b>Weight:</b> Shipping: 100 lbs.            Operating: 60 lbs.</p>	<p style="text-align: center;">- CIRCULATING UNIT -</p> <p><b>Supply Pump:</b> 3/4 HP TEFC motor (3450 rpm)            Stainless steel close-coupled centrifugal pump 15 GPM at 20 ft. of head (other pumps available).  <b>Filtration:</b> Dual 5 micron filter elements mounted on side of unit  <b>Reservoir:</b> 18" diameter x 29" tall black insulated polyethylene tank with 30 gallon capacity (operating capacity is 15 gallons)</p> <p><b>Internal Piping Network:</b> Polypropylene and stainless steel</p> <p style="text-align: center;">- MIXING UNIT -</p> <p><b>Capacity:</b> 2 GPM/120 GPH (others available)  <b>Mixing Ratios:</b> 1/2 Oz/Gal to 7 1/2 Oz/Gal (others available)  <b>Siphon Probe:</b> 50" long for tote bins standard (others available)  <b>Alarm:</b> Red light mounted on top of control panel flashes when 15 minutes of reagent remains in the drum/tote</p>
Service Requirements & Connections	
<p><b>Electrical:</b> - CIRCULATING UNIT -            Standard power: 115v/60 at 10 amps or 208-230v/60 at 5 amps  <b>Air:</b> 6-12 cfm max. at 50 psi.            Dry and non-lubricated.            1/4" filter/regulator unit supplied  <b>Drain:</b> 3/4" fpt  <b>Supply/Return:</b> 1" fpt</p> <p style="text-align: center;">- MIXING UNIT -</p> <p><b>Electrical:</b> Standard power: 120v/60 at 5 amps.            3' power cord with plug included  <b>Water:</b> 40psi @ 2 GPM            3/4" hose x 5' long  <b>Reagent Output:</b> 3/4" hose x 10' long</p>	