Proportioning systems

ASSE 1055-2009 APPROVAL
The ProMax features the latest in proportioning technology, reducing flow restriction and maximizing performance even in lower water pressure situations.

ProMax combines state of the art patented technology with innovative user friendly features:
- Modularity for maximum versatility and minimum inventory
- Space saving design
- Quick, easy, tool free installation and maintenance

Models available to safely and efficiently fill small, medium and large containers with accurately diluted use solutions from chemical concentrates
- Spray Bottle (1 gpm Flow Rate)
- Mop Bucket (4 gpm Flow Rate)
- Floor Scrubber (8 gpm Flow Rate)

Robust and durable ABS enclosure
ProMax allows additional units to be easily added to an existing installation
Wall bracket mounting eliminated need to open enclosure during installation for tool free mounting
Accurate dilution rates; select from a full range of supplied metering tips

ProMax, originating from seko’s industry renowned R&D laboratories is the latest, most intuitive and cost effective dispensing system available in the market today. By combining the revolutionary technology of patented hydrodynamics and user friendly, image enhancing features unique to ProMax, seko has produced the perfect solution for all institutional and light industrial chemical dilution applications.

Reliability
Robust materials and construction for maximum reliability:
- Magnetic solenoid type activating valve
- Tamper proof housing and activating mechanism
- 4 product selector valve uses a special seal for maximum, wide ranging chemical compatibility
- Auto-activating venturi requires no downstream restriction to create back pressure
- Patented backflow prevention offering effective protection while minimizing flow restriction

Time saving, easy installation with.....
- External tip seat
- Quick connect fittings for water supply and multi-unit coupling
- Mounting bracket - no need to open the ProMax to install
- Modularity
- Tool free - “Mount the bracket on the wall and put away your tools”
Low Maintenance
Reduced service calls

- Robust Housing and valve activating mechanism
- Robust hydraulic with 130 PSI static pressure tolerance
- Auto-locking connection
- Auto-activating venturi
- Optional cartridge filter for areas with troublesome water conditions to reduce water related service calls

Project Your Company Image

- 95% of the facing available for proprietary graphics using underlays and removable clear faceplates
- No external stick on labels to peel or run from wear or unsightly chemical and water damage
- Customize the facing to identify product and/or establish color coding for employee safety
- Print out small quantities of labels as needed to match your customers’ product mix

Function

A vacuum created through the venturi by utilizing water flow and pressure

1. Valve is activated initiating flow
2. The water first flows through the backflow prevention device
3. Into a funnel (nozzle) increasing flow velocity
4. Into a recovery cone (reducing pressure)
5. The pressure reduction creates a vacuum at the (metered) chemical induction point
6. The proper chemical solution is discharged through the outlet

Product Range

<table>
<thead>
<tr>
<th>Flow Rate</th>
<th>Model</th>
<th>Chemicals</th>
<th>Activated</th>
<th>Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 GPM</td>
<td>PX S 1 F 04</td>
<td>1</td>
<td>SLIDE to fill bottle</td>
<td>FLEX</td>
</tr>
<tr>
<td></td>
<td>PX S 1 A 04</td>
<td></td>
<td>SLIDE to fill bottle</td>
<td>AIR</td>
</tr>
<tr>
<td></td>
<td>PX B 1 F 04</td>
<td></td>
<td>BUTTON to fill bucket and bottle</td>
<td>FLEX</td>
</tr>
<tr>
<td></td>
<td>PX B 1 A 04</td>
<td></td>
<td>BUTTON to fill bucket and bottle</td>
<td>AIR</td>
</tr>
<tr>
<td></td>
<td>PX S 4 F 04</td>
<td>4</td>
<td>SLIDE to fill bottle</td>
<td>FLEX</td>
</tr>
<tr>
<td></td>
<td>PX B 4 F 04</td>
<td></td>
<td>BUTTON to fill bucket and bottle</td>
<td>FLEX</td>
</tr>
<tr>
<td></td>
<td>PX B 4 A 04</td>
<td></td>
<td></td>
<td>AIR</td>
</tr>
<tr>
<td>4 GPM</td>
<td>PX B 1 F 16</td>
<td>1</td>
<td>BUTTON to fill bucket and bottle</td>
<td>FLEX</td>
</tr>
<tr>
<td></td>
<td>PX B 1 A 16</td>
<td></td>
<td></td>
<td>AIR</td>
</tr>
<tr>
<td></td>
<td>PX B 4 F 16</td>
<td></td>
<td></td>
<td>FLEX</td>
</tr>
<tr>
<td></td>
<td>PX B 4 A 16</td>
<td></td>
<td></td>
<td>AIR</td>
</tr>
<tr>
<td>8 GPM</td>
<td>PX B 1 F 30</td>
<td>1</td>
<td>BUTTON to fill bucket and bottle</td>
<td>FLEX</td>
</tr>
<tr>
<td></td>
<td>PX B 4 F 30</td>
<td>4</td>
<td></td>
<td>FLEX</td>
</tr>
</tbody>
</table>

This area includes the water connection fittings and the valve.
All materials are compatible with potable water and will tolerate water pressure up to 130 PSI and temperatures up to 160° F.

The backflow protection device prevents the possibility of chemical returning into the fresh water system in the rare event of negative pressure.

This is the “Engine” of the system and is made of chemical resistant material and is compatible with most commonly used chemicals. Robust with temperature tolerance up to 160° F.
Can produce chemical solutions of up to 25% with flow rates 1, 4 and 8 gallons per minute.
ProMax Main Features

Ability to customize
“Easily personalized facing allows customization without costly printing minimums and set up charges”

Hydraulic
“State of the art, revolutionary hydraulics sets a new industry standard of performance and reliability”

ACTIVATION VALVE
- Time Tested, Magnetic Activation provides maximum reliability in solenoid valve function
- The large membrane activation ensures perfect operation, up to 130PSI pressure and 160° F

CARTRIDGE FILTER
- The optional head filter, enhances filtration where needed in troublesome water conditions reducing service calls
- Head filters will not affect flow rate regardless of the number of units in line.

4 PRODUCTS SELECTOR
The 4 product ProMax is equipped with a new selector with O Rings of specially formulated elastomers. It offers the highest resistance in the industry to the widest range chemicals

A new special O-ring provides a excellent chemical compatibility

95% of the facing available for proprietary graphics using underlays and removable clear faceplates
The easiest, fastest and most convenient solution for controlled, manual dosing of liquid chemicals for all applications. **Prodose-R** evolved from requests for these enhanced features from our valued customers in the field.

### Enhanced viscous capacity

Larger diameter fittings and 3/8" ID tubing for improved performance with high viscosity products (>4000Cps)

**Strong, flexible, impact resistant discharge tube**

### Improved fast stroke regulation

The cap is improved providing ready access to the red adjusting pins while remaining secured during use.

**New flexible spout**

Made in EPDM, strong enough for the chemical compatibility, soft enough to prevent bumping breakage

Fits the standard fitting

### Color coded caps available

**Improved check valves**

**Easy Maintenance:** unscrew the locknut, remove the fitting, replace the valve

**Double O-ring seals**

**Valves are the same for left and right**

### Easy modular tube stiffener

to hold the clear suction tube straight to the bottom of the product container

6 different dosage settings ranging from 1/5 oz to 1 oz per stroke.

No need to open the pump to set dosage
The **ProSink-R** is a chemical dispensing system that automatically and consistently mixes the precise amount of detergent and sanitizer with water by turning a knob, conveniently filling large sinks with accurate product solutions.

- Strong, long lasting and easy to clean rugged stainless steel enclosure
- Smooth and ergonomic surface, with no sharp edges and customisable front cover
- Connection direct to the water source, no electric power or compressed air needed
- Space saving
- Quick and easy installation: no special tools required

### Available accessories:
- Wire rack for chemical containers

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### ProSink-R Features:

#### Ball valve operation
- No need to hold or lock a button
- Smooth and ergonomic surface, with no sharp edges and customizable front cover
- Attractive user-friendly design
- Rugged stainless steel enclosure
- Strong, long lasting and easy to clean
- Installs easily with 2 or 3 screws

#### Easy and Fast maintenance with Seko’s innovative “quick connect” manifold
- Connection direct to the water source
- No electric power or compressed air needed
- Integrated backflow prevention
- Protection against contamination of water supply

#### For all proportioning applications, Seko provides the following:
- Ability to dose 2 different products in succession or simultaneously (2 products version)
- Single or Double chemical use
- 4 GPM Flow rate
- Choose from 15 mixing ratios for accurate and effective dosing
- Ball valve operation, no need to hold or lock a button
- Equipped with an **ASSE 1055 certified** backflow prevention device in compliance with **UPC** and **CSA standards**
- Fill tube designed to minimize excess foam
- Ultra lean tip kit included

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15 colors coded dilution tips
The **ProFaucet** is a new and easy faucet proportioner for mixing pot & pan chemicals with water in the desired ratio at the push of a button.

### ProFaucet

**Quality, Stainless steel body**

**Chemical & impact resistant**

**Updated, modern design**

### Easy to install

- **Inexpensive**
  - With minimum investment the ProFaucet provides excellent chemical consumption and cost control.

- **Safe**
  - No more manual mixing to eliminate unnecessary direct contact with concentrated chemicals.

- **Reduces Waste**
  - By eliminated manual dosing, the ProFaucet reduces the possibility of over use of chemical and excessive use cost.

<table>
<thead>
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<th>PERFORMANCE</th>
<th>Pressure</th>
<th>Dilution ratio</th>
<th>Flow-rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max</td>
<td>85 PSI</td>
<td>290 : 1</td>
<td>4.5 GPM</td>
</tr>
<tr>
<td>Min</td>
<td>22 PSI</td>
<td>5.7 : 1</td>
<td></td>
</tr>
</tbody>
</table>

**With the water on, push the button and release it. The system mixes the chemical into the flow in the desired ratio. When water is turned off the button automatically releases to provide fresh water when the faucet is reactivated.**

**Compact and easy to install:**

- Remove the faucet aerator;
- Screw the ProFaucet onto the threaded outlet;
- Connect the chemical.

**ProFaucet’s full stainless steel body is made to withstand heavy use and chemical aggression for reliability and long life.**

The modern design provides an enhanced image. Consistent performance makes it suitable for most any pot & pan application.
The **ProSpray** cleaning and sanitation system automatically dilutes and dispenses concentrated cleaning products as a foam or spray. The spray system is easily and quickly converted into a foam system with the quick coupling foam wand.

- **Strong, long lasting and easy to clean rugged stainless steel enclosure**
- **Smooth and ergonomic surface, with no sharp edges**
- **Connection direct to the water source, no electric power or compressed air needed**
- **Space saving**
- **Quick and easy installation: no special tools required**

For all proportioning applications, **seko** provides the following:
- Possibility to dose 2 products individually or simultaneously (2 product model)
- Single or multiple chemical use
- **3.5 GPM Flow rate**
- **15 different mixing ratios** can be easily chosen, making the dosing accurate and effective
- **Ball valve operation, no need to hold or lock a button**
- **Fill tube designed to minimize excess foam**

The chemical feed rate is set by metering tips pressed into the barb on the side of the **prospray**.

Brass fittings for hot water resistance, polypropylene injectors for chemical resistance, rugged stainless steel casing for secure mounting and durability.

**Will dispense 1 or 2 chemical products or a clear water rinse.**

These features make the **ProSpray** suitable for cleaning throughout the food processing, dairy, transportation, industrial and agricultural industries.

**It can be used:** in supermarket meat rooms, seafood shops, butcher shops, automotive care areas, shower rooms; in short: anywhere spray/foam cleaning or sanitation is needed.

**Available accessories:**
- **Wire rack for chemical containers**
- **Ultra lean Tip Hose (25 or 50 ft.)**
- **Foam Wand**
- **GUN BV (Ball Valve)**
- **GUN T (Trigger)**
- **15 colors coded dilution tips**

**No Lock-Tite threaded connections**

**Easy and Fast maintenance with Seko’s innovative “quick connect” manifold**

**Non Return valve and metering tips are easily accessible**
JetNeat is composed from a spray gun with a quick connector and a venturi with a chemical tank built-in which can be applied at the exit of it.

Connected to the water tap by a flexible hose, the trigger gun is able to rinse thanks to a fresh water powerful jet.

Once the venturi is quick applied at the outlet of the gun, the Jet Neat can produce a mixing solution that can be sprayed or foamed based on the model and chemical used.

**Fit the needs**

JetNeat is a suitable solution for each application, combining the available parts is possible to find the necessary dispensing units to fit all applications:

- Wet room
- Public swimming pool
- Butcher shop
- Supermarkets
- Educational facilities
- Shower facility
- Kitchen
- Restaurants
- Health care
- Animal care

JetNeat is the fastest, easiest, most convenient and suitable solution to wash, sanitize and rinse surfaces.
ProTwin

The ProTwin is a cleaning and sanitizing station that automatically mixes and dispenses concentrate chemicals. Enhanced performance solution for Surface cleaning applications.

**Effective**
Adjustable spray pattern

**Safe**
Separate selectable chemical position eliminate risk of chemical crossover

**Professional**
Unsurpassed foam quality

**Clean, White, Professional appearance**

**Efficient precision**
engineered eductors insuring accurate, proportionate dosing

**Easy**
Intuitive ergonomic design for user friendly operation

**Fast**
Single spray gun for foam, rinse & sanitizing

3 functions  spray/foam and rinse up to 140°F (60° C) tolerance.

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<tr>
<td>Max</td>
<td>85 PSI</td>
<td>6.5:1</td>
<td>(Rinse) 4.2 GPM</td>
</tr>
<tr>
<td>Min</td>
<td>22 PSI</td>
<td>1429:1</td>
<td>(Prod) 2.4 GPM</td>
</tr>
</tbody>
</table>

ADJUSTABLE SPRAY PATTERN & THICK FOAM ALL IN ONE

Without Foam wand

Without Foam wand

With Foam wand

**FOAM WAND**

**LIGHT – DURABLE SPRAY GUN**
ProTwin Foam kit

ProTwin Foam kit

- Easily adapts to the ProTwin
- Utilizes the ProTwin’s single selector for detergent and sanitizing functions
- Generates surface clinging dry foam for maximum contact time
- ProTwin’s venturis maintain the proper and consistent chemical action/consumption
- Excellent for vertical surface cleaning
- Enhances the foaming properties of foaming chemicals with the use of compressed air

ProTwin Foam kit converts the standard ProTwin into dry foam generator.

Easy to install, use and maintain.

FEATURES | Dilution ratio | Flow-rate | Pressure
---|---|---|---
Rinse | - | 2.5 GPM | Max. 85 PSI
Foam | max. 6:1 min. 116:1 | 1 GPM | Min. 15 PSI
Product | max. 20:1 min. 339:1 | 1.9 GPM |

With ProTwin Foam Kit
Our complete range
for all your dosing and cleaning demands

Warewash Systems

<table>
<thead>
<tr>
<th>Ware Basic</th>
<th>Ware Plus</th>
</tr>
</thead>
</table>

Laundry Systems

<table>
<thead>
<tr>
<th>OPL Advantage</th>
<th>OPL Basic</th>
</tr>
</thead>
</table>

OPL Mini L

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