



ESSENTIAL LINE ACRYLIC CHEMICAL DOSING MANIFOLD

Congratulations on your new **FLOMIX**
Acrylic Chemical Dosing Manifold!

The Flomix Acrylic Chemical Dosing Manifold has been engineered to provide accurate chemical proportioning, maximum visibility, and long service life in demanding soft wash environments.

Each manifold is supplied with premium metering valves, transparent acrylic manifold body, UPVC check valves fitted with Hastelloy springs, and stainless steel mounting hardware.



125 85.804.801

! IMPORTANT INSTALLATION NOTES

- ✓ Flush all tanks and plumbing lines before connecting the manifold.
- ✓ Ensure all hoses are free from plastic shavings, swarf, Teflon tape fragments, dirt, and debris.
- ✓ Check valves can become lodged open if debris enters the system, potentially allowing tank communication and unwanted chemical migration between tanks.
- ✓ Use only high-density thread seal tape (PTFE tape).
- ✗ **DO NOT** use PVC glue, acrylic cement, or solvent-based adhesives on acrylic manifolds. Acrylic and fittings expand and contract at different rates. Temperature changes may occasionally require fittings to be re-sealed.
- ✗ **DO NOT** overtighten fittings. Overtightening may crack acrylic components and void warranty.

HOSE LENGTH RECOMMENDATION

For optimum proportioning accuracy:

WATER HOSE LENGTH

Always install the water suction hose approximately:

20% LONGER THAN THE SH HOSE

This helps compensate for the density difference between water and assists in achieving more balanced mixing ratios.

Product	Hose Length
SH Hose	1.0m
Water Hose	1.2m
Soap Hose	As Required

💧 FLOMIX RINSE MODULE - SMART, FAST & EFFICIENT

Pair your manifold with the Flomix Remote Rinse Module to take full control from anywhere on site.

- ✓ Switch between CHEMICAL and RINSE remotely
- ✓ No need to walk back to your truck
- ✓ Saves time and increases productivity Keeps valves, check valves and components clean and extends service life
- ✓ Ideal for daily SH users



CHEMICAL
Draws from chemical tanks



RINSE
Draws clean water for rinsing

FEEDBACK SIGNAL-KNOW WHAT'S ACTIVE

When connected to your Flomix remote with feedback, the system sends a signal back to your remote so you always know which mode you are in.



Blue Light/Indicator
Chemical Mode Active



Green Light/Indicator
Rinse Mode Active



No Visual Check Needed
Your remote tells you

🔧 OPTIONAL SH FLUSH SYSTEM

Install a 3-way valve before the SH metering valve to flush the SH valve with clean water.



BENEFITS

- ✓ Flushes SH valve with clean water
- ✓ Reduces crystal formation
- ✓ Extends metering valve life
- ✓ Reduces maintenance

✓ CHECK VALVE INFORMATION

All Flomix manifolds are fitted with premium UPVC check valves.

FEATURING

- ✓ Hastelloy Springs
- ✓ Chemical Resistant Materials
- ✓ Low Cracking Pressure Design
- ✓ Serviceable Construction

TO MAXIMISE LIFE:

- ✓ Flush system regularly
- ✓ Prevent debris entering plumbing
- ✓ Rinse after use
- ✓ Store system clean



⚙️ MAINTENANCE GUIDE

DAILY	• Rinse system after use • Flush SH circuit • Inspect for leaks
WEEKLY	• Check valve operation • Inspect hose clamps • Check fittings
MONTHLY	• Inspect seals • Verify metering valve calibration • Check mounting hardware

🛡️ WARRANTY

Flomix Acrylic Manifold:
2 YEAR WARRANTY

Covers:

- ✓ Manufacturing defects
- ✓ Material defects
- ✓ Workmanship defects

Check Valves:

1 YEAR WARRANTY

Check valves are considered wear items and require routine maintenance.

WARRANTY EXCLUDES:

- ✗ Freeze damage
- ✗ Chemical abuse
- ✗ Improper installation
- ✗ Overtightened fittings
- ✗ Use of solvent glues
- ✗ Damage caused by debris entering the system