

DEMA**Model
1400**

AGRICULTURAL SOLUTIONS: WATER-POWERED CHEMICAL INJECTORS

The MixRite 1400 Series are water-powered proportioners typically used for greenhouses, cleaning and sanitizing produce, and drip and spray irrigation applications. These injectors are engineered for enhanced compatibility with nutrients, pesticides, some acids, and other additives. The updated internal design allows for an increased flow rate of up to 14 GPM and up to 10% for chemical injection. All 1400 MixRites have 3/4" NPT-threaded inlets and outlets.

Features & Benefits

- Flow rate 0.8 to 14 GPM
- Hastelloy, and polymer engine springs for improved chemical compatibility
- AFLAS O-Rings throughout the unit
- Viton Extreme chemical seals
- Easy-to-adjust chemical adjustment sleeve
- Low-flow rated engine with dual lip seals can be powered by water flow rates as low as 0.8 GPM



MODELS

1400A / 1400M – Injection .03 to .2%

1401A / 1401M – Injection 0.1 to .9%

1402A / 1402M – Injection 0.2 to 2%

1405A / 1405M – Injection 0.5 to 5%

1410A / 1410M – Injection 1 to 10%

A – Air release

M – Manual On/Off

MixRite Accessories



WATER SUPPLY HOSES

DEMA manufactures a variety of water inlet hoses for different applications. DEMA inlet hoses are rated to 200psi, made of durable double-walled rubber, and crimped to our manufacturing facility specifications.

Contact for available options



The DEMA Spray Gun and Foam Wand set is a simple but effective foam application system. Easily connect to a MixRite with a standard garden hose to begin foaming. To rinse off surfaces, simply remove the Foam Wand and use the Spray Gun.

Spray Gun: #28.1QD
Foam Wand: #292GQD

Spray Gun and Foam Wand

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STRAINER

The DEMA 3/4" NPT strainer is an in-line 200 mesh (80 microns) strainer recommended for all MixRite installations. The in-line strainer will keep debris out of the MixRite unit, increasing the life of the seals.

#50.41.1



WHITE FOOT VALVE STRAINER

3/4" white foot valve strainer prevents debris from entering the unit through the chemical inlet tubing.

#57.34FTV



3/4" CHECK VALVE

The DEMA check valve helps limit backflow situations if the unit is used to pump the mixture any significant distance.

#57.20.8



3/4" ANTI-SIPHON KIT

For any 3/4" MixRites to relieve pressure so chemical will not siphon out of drum or tank.

#36073008002



UFR - LOW FLOW BOOSTER

The 57.UFR low flow booster works with any 500 series MixRite to take low flows (less than .9gpm) and allows the unit to work in low flow conditions.

#57.UFR



PRESSURE REGULATOR & GAUGE

Fits in-line with any MixRite to limit pressure spikes.

Regulator: #38030200001
Gauge: #93.15.1



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