

ULTIMATE PROPORTIONAL PUMPING SYSTEM

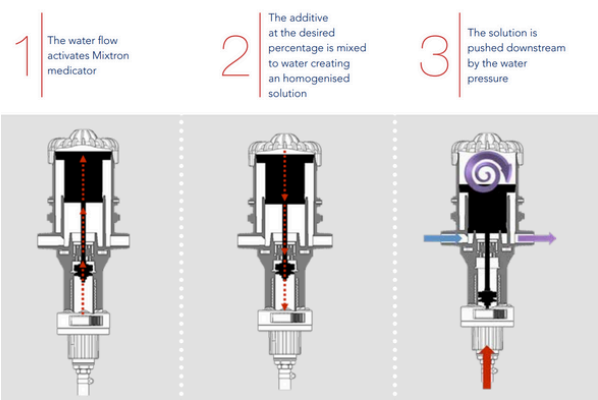
- Durable and reliable dosing
- Low Maintenance
- Corrosion Resistant

WHAT IS IT?

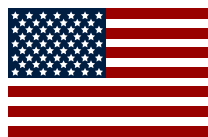
The Mixtron medicator is a dosing and mixing hydraulic system installed directly in the water supply line that allows the user to create homogenized solutions always proportional to the volume of water regardless of change in water flow or pressure. Water flow drives the piston pump, drawing and mixing additives at the set ratio without electricity.

HOW IT WORKS

HOW DOES IT WORK?



TOMIGUNN is the proud distributor of Mixtron pumps in the USA.



TOMIGUNN.COM

MIXTRON PUMPS COME WITH A ONE YEAR FULL REPLACEMENT WARRANTY.

WHY MIXTRON

Mixtron pumps excel with water-driven volumetric piston technology, delivering precise 0.2–2% dosing without electricity for water soluble livestock medication and industrial fertigation.

The **mixing chamber ensures uniform and precise water soluble nutrient blending and achieves a 1:128 dosing ratio** at 0.78% (slightly below the 1% on the graduated scale). It's adjustable from 1:500 to 1:50.



Constructed with AISI 316 stainless steel and Viton seals, they withstand 0.3–6 bar pressure and harsh chemicals, ensuring **corrosion resistance**.

Their compact, low-maintenance design minimizes downtime, while the thermal sensor indicator prevents overheating, guaranteeing **consistent performance**. Engineered for reliability, Mixtron pumps embody action over words, driving your success with robust, efficient dosing solutions.



MX300



STAINLESS STEEL SCREWS SECURE THE METERING PUMP'S COMPONENTS, PAIRED WITH INTEGRATED METAL INSERTS

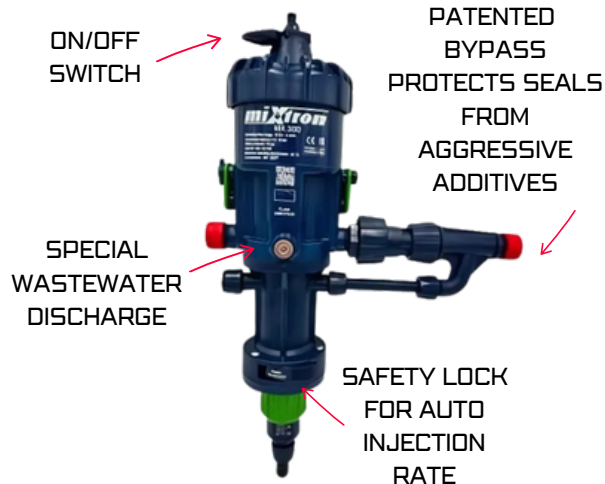
The Mixtron MX300 pump employs a water-driven volumetric piston system to deliver precise, electricity-free dosing for applications like livestock medication and fertigation. Its robust design, featuring AISI 316L stainless steel and Viton seals, ensures consistent 0.2–2% dosing ratios and maximum operating pressure of 87 psi.

KEY FEATURES INCLUDE:

- 0.2–2 % ADJUSTABLE DOSING
- VITON SEALS
- AISI 316L DURABILITY

300 series has a maximum flow rate of 13.2 gallons per minute

MX300B

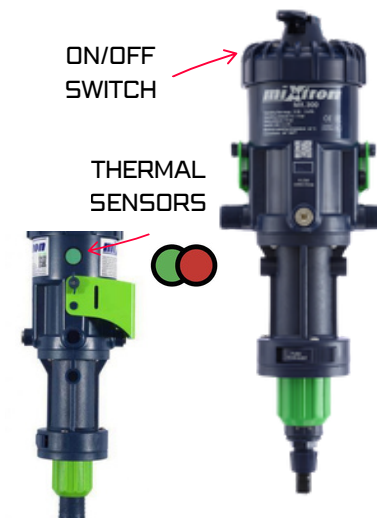


The Mixtron MX300B pump utilizes a water-driven volumetric piston system in AISI 316L stainless steel to deliver precise, electricity-free chemical dosing. Its integrated bypass valve enables the safe use of acids, preventing corrosion of internal components. Seamlessly, the ON/OFF cap allows water flow to continue without dosing when desired.

KEY FEATURES INCLUDE:

- 0.2–2 % ADJUSTABLE DOSING
- VITON EXTREME SEALS AND BYPASS VALVE FOR ACIDS (LOW PH)
- ON/OFF CAP

MX300S



The Mixtron MX300S, built with technopolymers and AISI 316L stainless steel, has viton extreme seals, which are more durable and resistant to aggressive liquids. Its ON/OFF switch ensures operational flexibility. In ON, the piston draws and mixes liquid with water for precise dosing. In OFF, the piston stops, allowing water to flow without mixing.

KEY FEATURES INCLUDE:

- 0.2–2 % ADJUSTABLE DOSING
- VITON EXTREME SEALS FOR AGGRESSIVE LIQUIDS
- ON/OFF CAP

SPECIFICATIONS

Type: Dosing

Pump Flow Rate: 3,000 l/h; 13.2 gpm

Dosage: 0.2 – 2%

Dosage Ratio: 1:500; 1:50

Working Pressure: 0.3 – 6 bar

Maximum Static Pressure: 10 bar

Temperature Range: 41° – 104° F

Installation: Wall-mounted; Suspended

Metal Components: AISI

316, Duplex

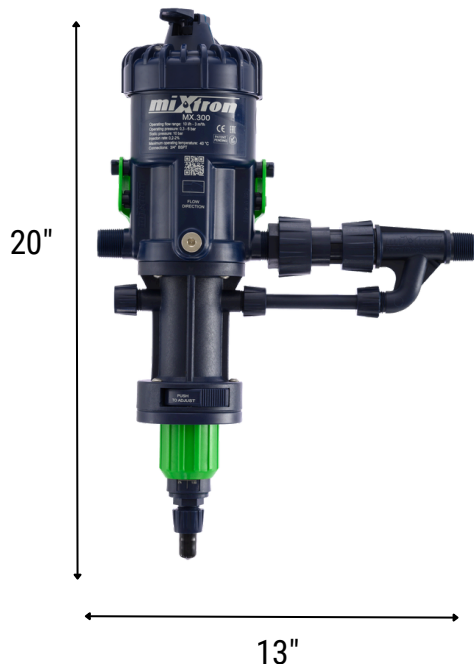
Plastic Components: POM, PP, HDPE,

PA12 Seals: Viton, EPDM Viton EXT

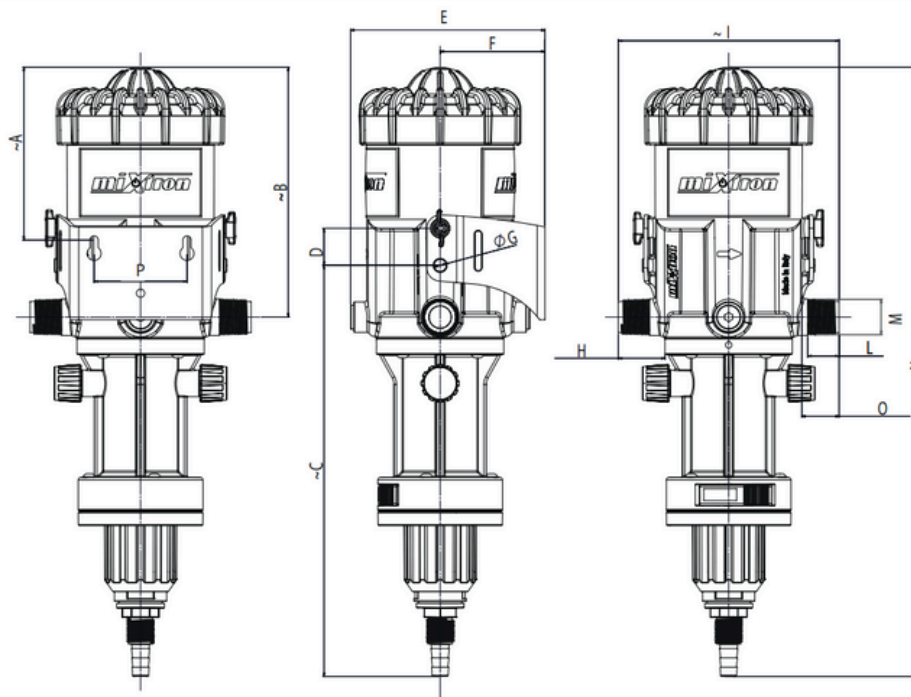
MX300S



MX300B



QUOTE (mm) / DIMENSIONS (in)



	mm	inches		mm	inches		mm	inches
A	130	5.12	F	79	3.11	M	3/4" BSPT	3/4" BSPT
B	188.5	7.42	G	Ø 10	Ø 0.39	N	460	18.11
C	310.1	12.21	H	35.3	1.390	O	28	1.1
D	28	1.1	I	166.5	6.56	P	70	2.76
E	146.5	5.77	L	23.8	0.94			