



# miXtron

SMALL DROPS FOR A BETTER WORLD

## MXL DOSERS

### WATER POWERED DOSING PUMPS FOR LIVESTOCK BREEDING

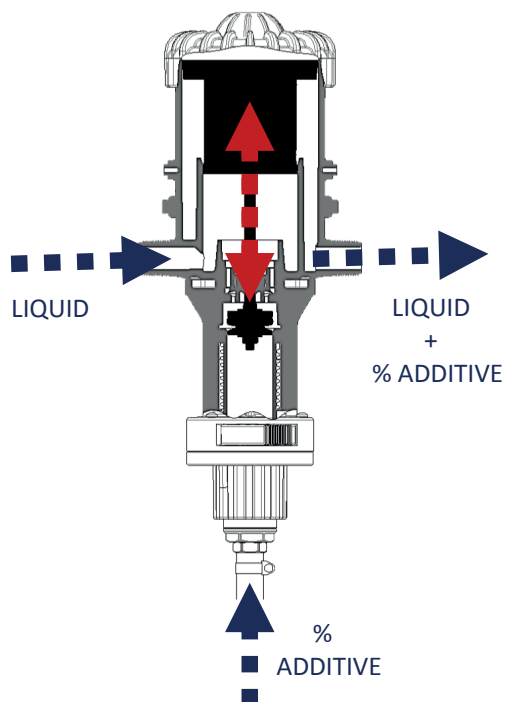
Any breeder knows how important correct and constant doser percentages are for their livestock's well-being. With our products, we are able to provide technical and innovative solutions that guarantee maximum dosing precision in any conditions of use and installation. Mixtron dosers, specific to the livestock industry, were designed and perfected by technicians and veterinarians specialised in livestock and substance dosage and preparation (vitamins, antibiotics, probiotics, minerals, vaccines) to guarantee health and correct development and growth. Mixtron dosers are equipped with safety systems designed to alert the user when the working temperature reaches levels that could jeopardise correct operations.

- Quick and easy to install
- No engine, water powered
- Low maintenance

#### Package contents:

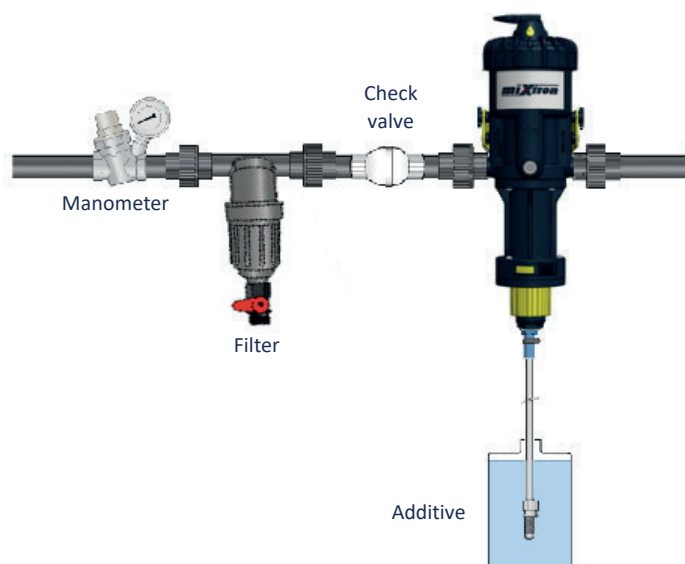
- 1 Mixtron Doser ( W 455 x L 165 x Ø 125 mm)  
(W 17.9 x L 6.5 x Ø 4.9 inches)
- 1 Fixing plate
- 1 Suction tube length 1.5 m (4.9 ft)
- 1 Filter for suction pipe
- 1 Owner's manual





|                           | METRIC UNITS       | IMPERIAL UNITS |
|---------------------------|--------------------|----------------|
| Operating pressure        | 0,3 - 6 bar        | 4.3 - 85 PSI   |
| Min operating temperature | 5 °C               | 41 °F          |
| Max operating temperature | 40 °C              | 104 °F         |
| Max vertical suction      | 4 m                | 13 ft          |
| Max horizontal suction    | 20 m               | 66 ft          |
| Connecting threads        | 3/4 " BSP          | 3/4 " NPT      |
| Mixing chamber            | Integrated         |                |
| Suction valve             | Ball INOX AISI 316 |                |
| Metal components          | INOX AISI 316      |                |

| MODEL   | FLOW RANGE<br>Metric Units       | FLOW RANGE<br>Imperial Units            |
|---------|----------------------------------|---|
| MXL.075 | 0,05 - 0,75 m3/h<br>5 - 750 l/h  | 0.22 – 3.30 GPM<br>2.82 – 422.68 oz/m   |
| MXL.150 | 0,05 - 1,50 m3/h<br>5 – 1500 l/h | 0.22 – 6.60 GPM<br>2.82 – 845,35 oz/m   |
| MXL.250 | 0,1 - 2,50 m3/h<br>10 – 2500 l/h | 0.44 – 11 GPM<br>5.64 – 1408.92 oz/m    |
| MXL.300 | 0,1 – 3,00 m3/h<br>10 – 3000 l/h | 0.44 – 13.21 GPM<br>5.64 – 1690.70 oz/m |



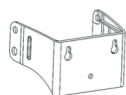
#### DOSING RATIO

|                       |                      |                      |                      |                       |
|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| 0,03 - 0,2 %          | 0,2 - 2%             | 0,5 - 4%             | 1 - 5%               | 1 - 10%               |
| 1:3000 – 1:500        | 1:500 – 1:50         | 1:200 – 1:25         | 1:100 – 1:20         | 1:100 – 1:10          |
| 0.0384 – 0.256 oz/gal | 0.256 – 2.560 oz/gal | 0.640 – 5.120 oz/gal | 1.280 – 6.400 oz/gal | 1.280 – 12.800 oz/gal |

#### STANDARD



Air Bleed Valve

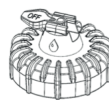


Fixing Plate

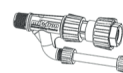


Dosing Ratio  
Unlock Button

#### OPTIONAL



On/Off-System



Bypass-System  
(External Mixing Chamber)

FOR DISTRIBUTOR / NOTE

DATE05/18