



MixRite™

Medicators



From day old to maturity

 **TEFEN**
FLOW & DOSING TECHNOLOGIES



TEFEN Flow & Technologies

About

- Privately owned
- A synonym for innovation and excellency for over 42 years
- ISO 9001:2008
- 70% Export
- Many satisfied and loyal customers
- Pumps and fittings are designed, manufactured, assembled and tested by Tefen
- Pumps are functionally one by one tested



TEFEN Flow & Technologies

Major Product lines



FLOW PRODUCTS

Fittings • Valves • Tubes • Nozzles



DOSING PUMPS

MixRite™ | Agriculture • Livestock • Industry

MixRite Dosing pumps

Wide range of applications

- Livestock
- Fertilizing
- Cleaning or disinfecting fluid lines
- Car wash
- Sanitizing water systems
- Industry



MixRite™ MEDICATORS

Live stock applications

MixRite proportional dosing medicators will enable you to dose treatments such as:

- Antibiotics
- Vaccines
- Disinfectants
- Vinegar
- Chlorine
- Supplements
- Vitamins
- Minerals



MixRite™ MEDICATORS

Model 2.5 Features

- Operating flow range: from 7 L/H (0.03 GPM), instead of 10l/h
- Precise blending medication and water
- The dosage can be adjusted easily and quickly
- "Repair & maintenance can be done by the farmer on-site using kits supplied by Tefen"
- Key internal parts are made from the highest quality material available (Hastelloy spring, Viton rubber seal)

The unit will automatically start working when water is flowing in and will continue until the flow will stop; it is possible to control the suction (intake) operation by using the models with the On/Off system.



Broilers

Choosing the right size MixRite medicator

Mixrite 0.8% Fix	Mixrite 2.5 0.3-2% / 0.4-4%	Mixrite 3.5 0.3-2% Fix	Mixrite TF-5 0.1-1%
*8,000 to 50,000 Birds		*Up to 70,000 Birds	*More than 70,000 Birds

* Birds size up to 9 pounds

Turkeys

Turkeys up to 22 weeks old

House of up to 15,000 birds = one 11 GPM MixRite medicator for Each house

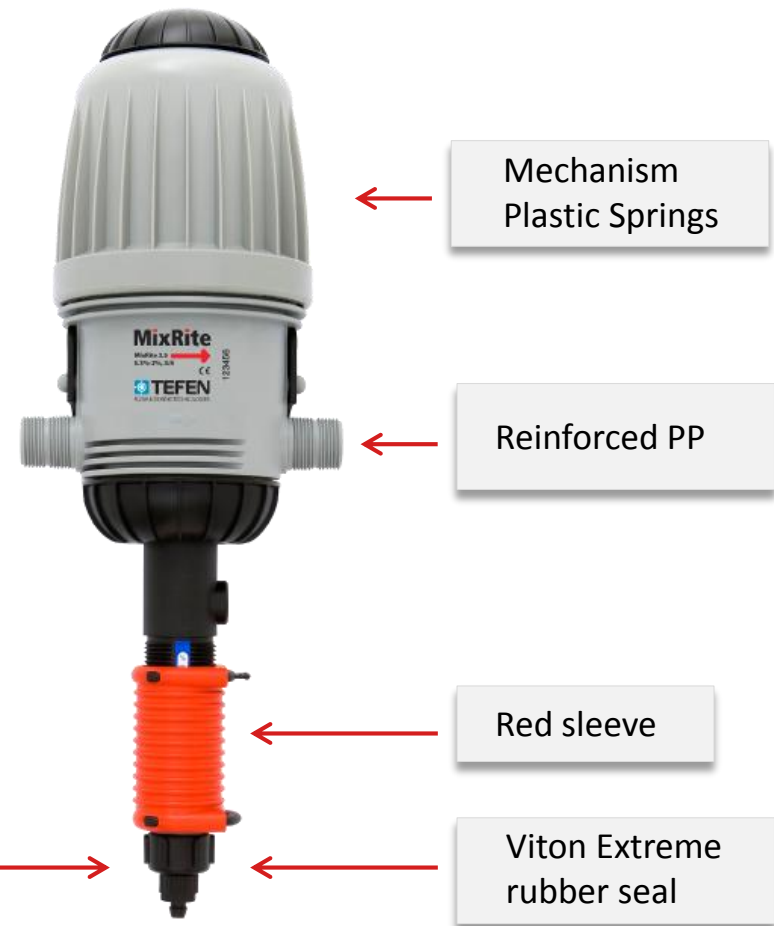
Hogs

MixRite 2.5 0.3-2% / 0.4-4%	MixRite 3.5 0.3-2%	MixRite TF-5
Nursery minimum 450 pigs - Finisher maximum 2000 pigs (0.03 gpm low flow - 11 gpm high flow)	Nursery minimum 500 pigs - Finisher maximum 2500 pigs (0.04 gpm low flow - 15.5 gpm high flow)	Finisher maximum 3000 pigs

MixRite™ MEDICATORS

Top quality technical structural materials

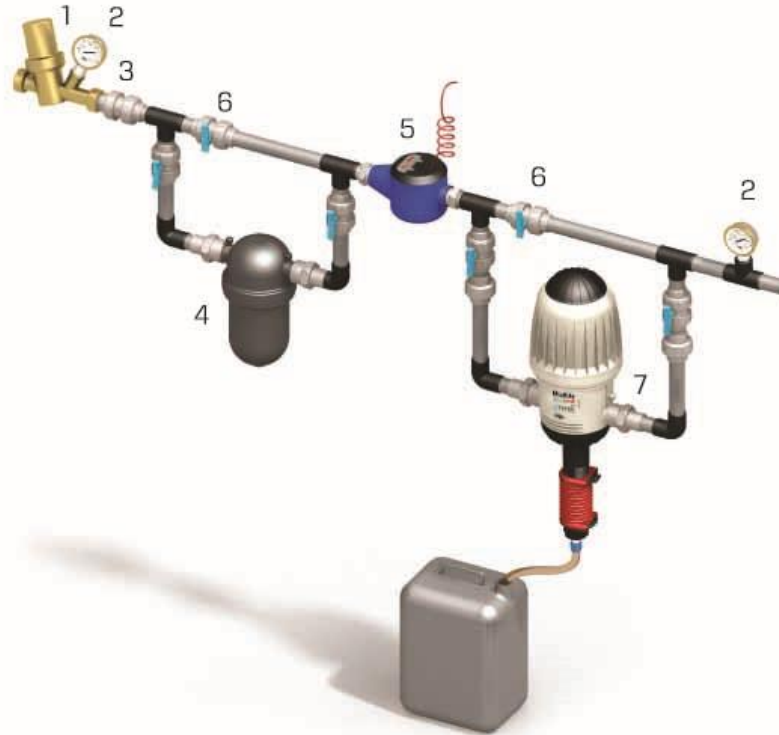
- Novel metals (Hastelloy)
- High end seals (Viton Extreme rubber)
- Top quality resin (reinforced fiberglass Polypropylene)
- Unbreakable engine plastic springs, min. 10 years lifetime



MixRite™ MEDICATORS

Typical Livestock application

1. Pressure regulator
2. Pressure Gauge
3. Check Valve
4. Water filter - 120 mesh minimum
5. Water Meter with Pulse
6. Bypass valve
7. MixRite Mediator



MixRite™ MEDICATORS

Medicators Range

2.5



MixRite 2.5
0.8%
(GPM 11)



MixRite 2.5
PO
(GPM 11)

3.5



MixRite 3.5
1-10%
(GPM 15.5)



MixRite 3.5
PO
(GPM 15.5)

TF-5



MixRite
TF-5
(GPM 22)



MixRite™ MEDICATORS

Technical info.

	2.5	3.5	5
Water pressure	0.2 - 8 bar (2.9 - 120 psi)	0.2 - 8 bar (2.9 - 120 psi)	1 - 8 bar (14.7 - 120 PSI)
Flow Rate	7 - 2500 L/H (0.03-11 GPM)	10 - 3500 L/H (0.04-15.5 GPM)	200-5000 L/H (0.8 - 22 GPM)
Working temp	4-40° C (39.2-104° F)	4-40° C (39.2-104° F)	4-40° C (39.2-104° F)
Coupling	3/4"	3/4"	1"

2.5, 3.5 Application Color Code

Application	Sleeve Color	TEFEN Code	Seal Material	Spring Material
Livestock		PO	NBR, EPDM	SST, Hastelloy
Chlorine		CL	Viton	Hastelloy

TF-5 Application Color Code

Application	Sleeve Color	TEFEN Code	Seal Material	Spring Material
Livestock		PO	NBR, EPDM	SST, Hastelloy
Chlorine		CL	Viton	Hastelloy



Thank you

