

## PRECISE ADDITIVE INJECTION

# InjectRite™

## Proportional Peristaltic Pump

Tefen's new proportional peristaltic pump is designed to guarantee precise additive injection to a main line, by reading signals from a water meter.

The pump adapts to changes in the main line, ensuring continuous and homogenous solution.

The product has been field-tested showing excellent results on all measures in various applications. The Product launch is scheduled for November 2016.

### Key Features

- Fast dosage adjust-ability for both low and high flow rates
- High accuracy and repeatability
- Excellent aggressive chemical resistance
- Minimum serviceability - easy tube replacement
- Clever, simple electronic interface
- Main line flow and dosage rate digital display
- Error identification system for:
  - Overflow
  - Lack of flow
  - Lack of signal

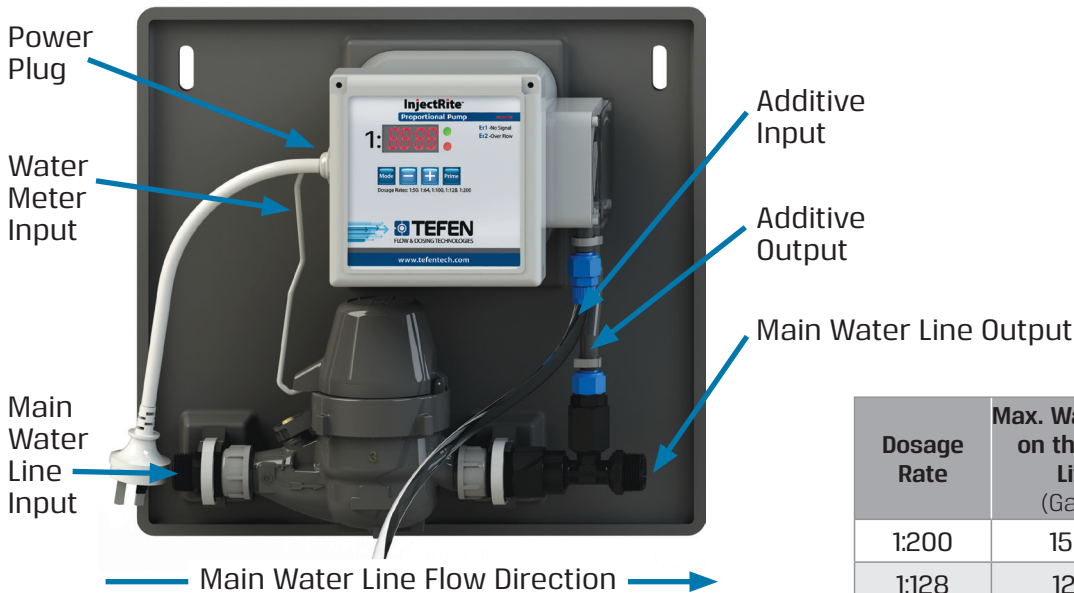
### Technical Details

Feature	Value
Mainline Flow Rate l/h (GPH)	20...1500 (2.3...396)
Dosage Rates	EU - 0.5% , 0.78% , 1% , 1.56% , 2% , 0.39% USA - 1:50 / 1:64 / 1:100 / 1:128 / 1:200 / 1:256
Max. Counter Pressure bar (psi)	3 (43)
Hydraulic Connections	1/2" or 3/4" BSPT
Power Plug EU (USA)	220V (110V)
Tube material	EPDM / Viton / Santoprene
Operation Trigger	Dry pulse (from water meter)
Water meter output	EU - 1 Pulse per Liter USA - 1 Pulse per Gallon

**PRECISE ADDITIVE INJECTION**

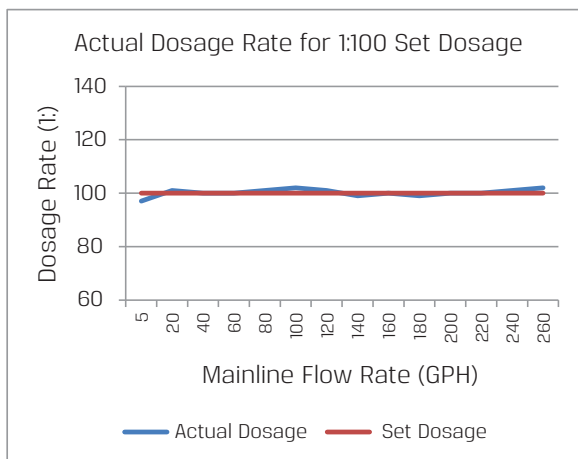
**InjectRite™**

**Dosage Rate / Flow Rate Display**

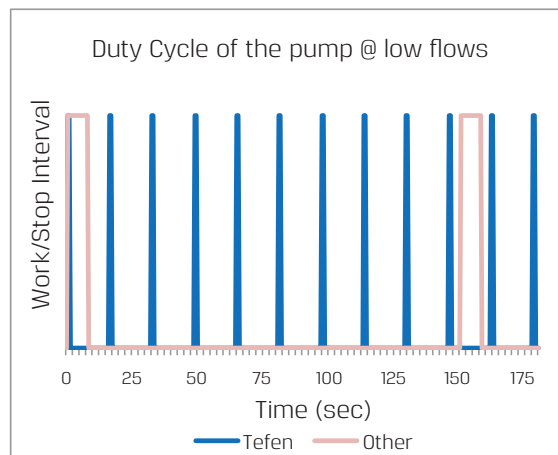


Dosage Rate	Max. Water Flow Rate on the Main Line, Liter/hour (Galon/Hour)	Dosage %
1:200	1500 (397)	0.5%
1:128	1200 (317)	0.78%
1:100	1000 (264)	1%
1:64	700 (185)	1.56%
1:50	600 (159)	2%
1:256	2400 (634)	0.39%

**Dosage Accuracy**



**Duty Cycle (at low flows)**



reading the pulses in high frequency provides optimal and homogeneous solution.