

MixRite



MixRite PR 1.5 Proportional Peristaltic Pump

Features and Benefits

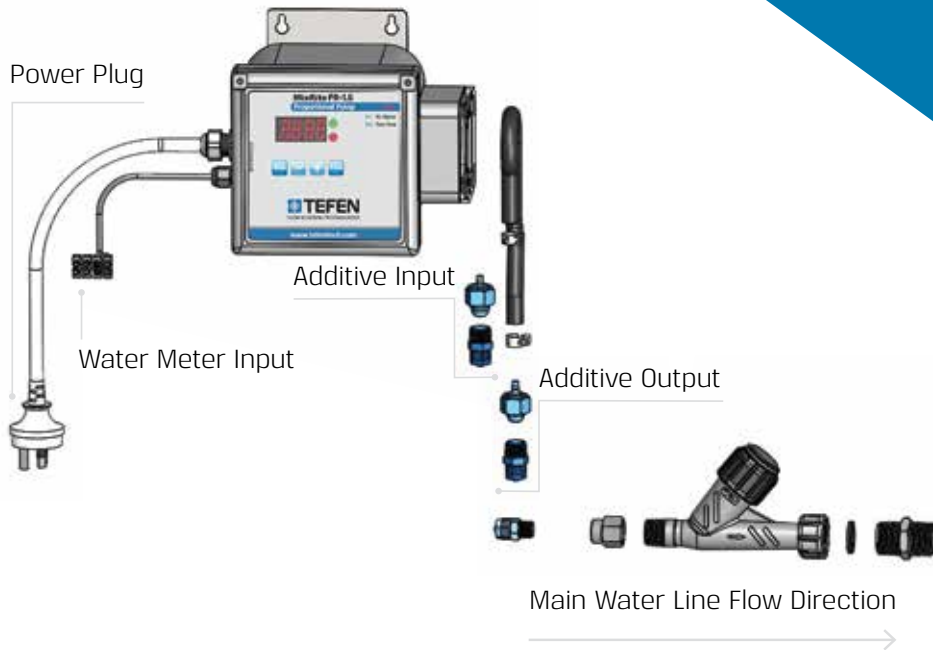
- ✓ Tefen's new proportional peristaltic pump is designed to guarantee precise additive injection to a main line, by reading signals from a water meter.
- ✓ The pump adapts to changes in the main line, ensuring continuous and homogenous solution.

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

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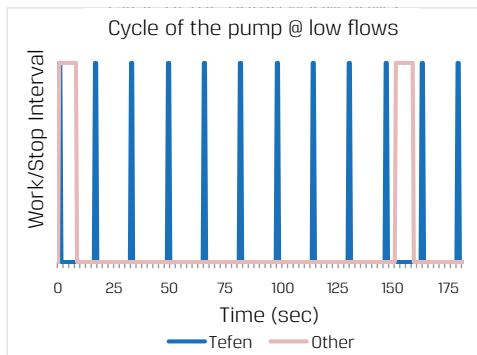
Proportional Peristaltic Pump



Feature	Value
Mainline Flow Rate l/h	20..1500
Dosage Rates	0.2%, 0.25%, 0.5%, 0.75%, 1.0%, 1.25%, 1.5%, 1.75%, 2.0%
Max. Counter Pressure bar	2.5
Hydraulic Connections	1/2" or 3/4" BSPT
Power	220V (110V)
Tube material	Santoprene
Operation Trigger	Dry pulse (from water meter)
Water meter output	EU - 1 Pulse per Liter

% Dosage	Max. Water Flow Rate on the main line L/H
0.20	5000
0.25	4000
0.50	2000
0.75	1300
1.00	1000
1.25	800
1.50	700
1.75	600
2.00	500

Duty Cycle (at low flows)



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

Choosing the Dosing Percentage

Dosis %	Volumen Injectado L/H					
2.00	0.40	2	10	20	24	30
1.75	0.35	1.75	8.75	17.5	21	26.25
1.50	0.30	1.5	7.5	15	18	22.5
1.25	0.25	1.25	6.25	12.5	15	18.75
1.00	0.20	1	5	10	12	15
0.75	0.15	0.75	3.75	7.5	9	11.25
0.50	0.10	0.5	2.5	5	6	7.5
0.25	0.06	0.25	1.25	2.5	3	3.75
0.20	0.04	0.2	1	2	2.5	3
	20	100	500	1000	1200	1500

Flow Rate L/H



FLOW & DOSING TECHNOLOGIES

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