

INJECTRITE PROPORTIONAL PERISTALTIC PUMP

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



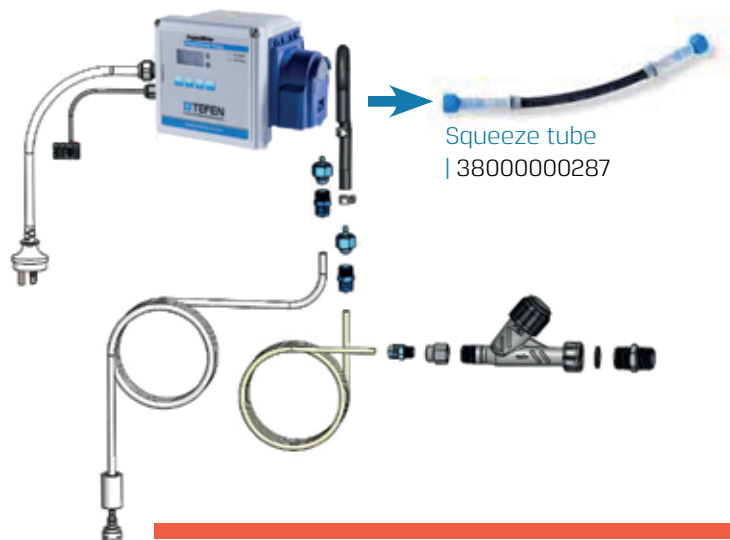
Features and Benefits

- ✓ Ensures continuous and homogeneous solution during water system operation
- ✓ High accuracy and repeatability
- ✓ Fast dosage adjust-ability for both low and high flow rates
- ✓ Excellent aggressive chemical resistance
- ✓ Optional connection of additional pump to the water meter for parallel operation which enables usage of additive 2 types & ensures increased additive amount.
- ✓ Easy and fast maintenance - easy tube replacement
- ✓ NOT affected by water quality
- ✓ Smart, simple electronic interface
- ✓ Error identification system for: overflow, lack of signal water meter
- ✓ Peristaltic pump set includes: squeeze tube, suction tube, check valve & discharge tube
- ✓ Sensor that indicates lack of flow is located in the suction tube (option)

Proportional Peristaltic Pump

InjectRite™

Mainline flow rate l/h	20 min, 2000 max (according to water meter signal output)
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
Max. injected volume	10 l/h
Hydraulic connections	3/4"
Power	220v (110v)
Tube material	santoprene
Operation trigger	dry pulse (from water meter)
Water meter output	eu - 1 pulse per liter

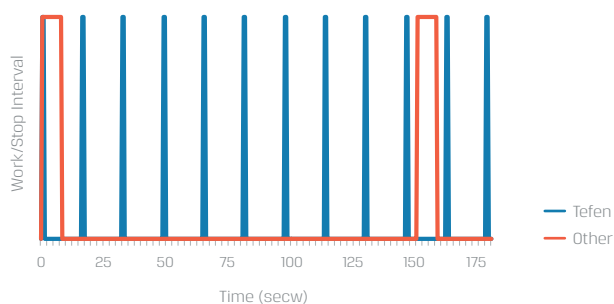


Choosing the Dosing Percentage

Dosage %	Injected Volume l/h					
	0.40	2.00	10.00			
2%	0.40	2.00	10.00			
1.75%	0.35	1.75	8.75			
1.5%	0.30	1.50	7.50			
1.25%	0.25	1.25	6.25			
1%	0.20	1.00	5.00	10.00		
0.75%	0.15	0.75	3.75	7.50		
0.5%	0.10	0.50	2.50	5.00	7.50	10.00
0.25%	0.05	0.25	1.25	2.50	3.75	5.00
0.2%	0.04	0.20	1.00	2.00	3.00	4.00
	20	100	500	1000	1500	2000
	Main Line Flow Rate - l/h					

Duty Cycle (at low flows)

Cycle of the pump @ low flows



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



Kibbutz Nahsholim 3081500 Israel | www.tefentech.com
Tel. 972 4 6395944 | Fax. 972 4 6390813 | info@tefentech.com

ISO 9001
2015 certified



For the removal of any doubt, this documents does not constitute an offer on the part of Tefen and/or any undertaking on its part. Tefen may change the content of this document and/or the technical specifications of the products and/or add and/or remove products and/or change prices and/or any terms and conditions specified in this document at any time and upon its sole discretion without any prior notice.