

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.



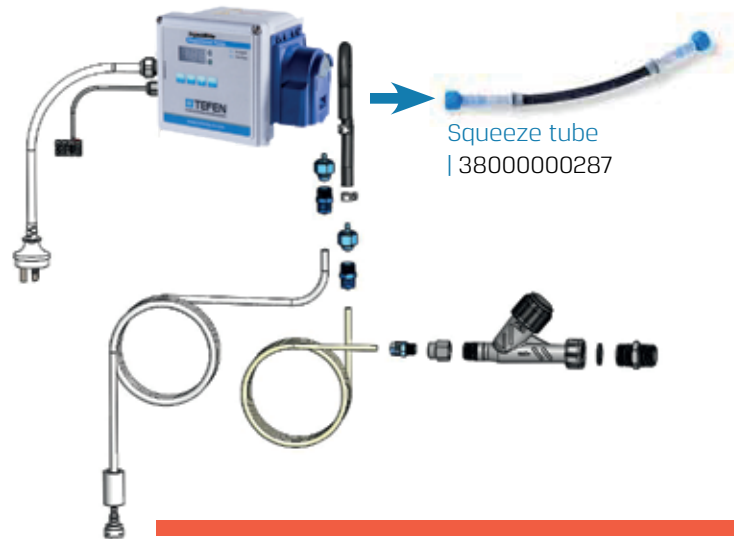
Features and Benefits

- ✓ 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 | 1.5 |
| 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 |

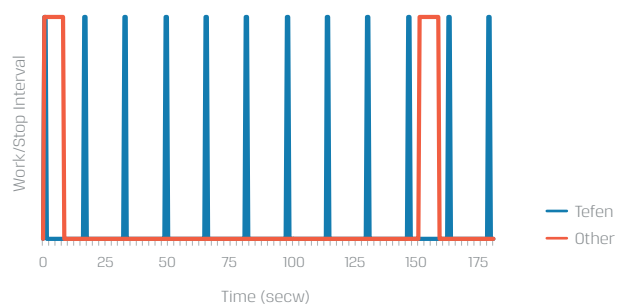


Choosing the Dosing Percentage

| 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.



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ISO 9001
2015 certified



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