

MixRite Electric Pumps

MixRite E-300

The electric dosing pump by Tefen Flow & Dosing Technologies.

Tefen's MixRite E-300 electric dosing pump directly injects liquid additives into water lines.

The MixRite E-300 operates against water line-pressure of up to 5 Bar.



Main Advantages

- Handles a variety of chemicals with a large range of flow rates
- Input 12VDC, 16 AMP
- Zero pressure loss along the water line
- Can be powered using mains electricity 220 VAC or alternative network power sources, such as car battery and solar panel charged batteries
- Easy to install and operate
- Strong and durable external polycarbonate cover which is waterproof and UV-resistant
- Very low maintenance

Fertilizer Pump – 2 Modes of Operation

Manual operation

- The pump can be operated at the desired level of injection
- Volume scale ranging between 10-100% of the maximum flow rate
- High repetition capabilities, maintaining the same volume until defined otherwise

Automatic option using irrigation controller*

- The pump stops and starts according to operation of input.
- The dosing will be fully proportional

* Irrigation Controller is not included in the kit

Each pump comes with:

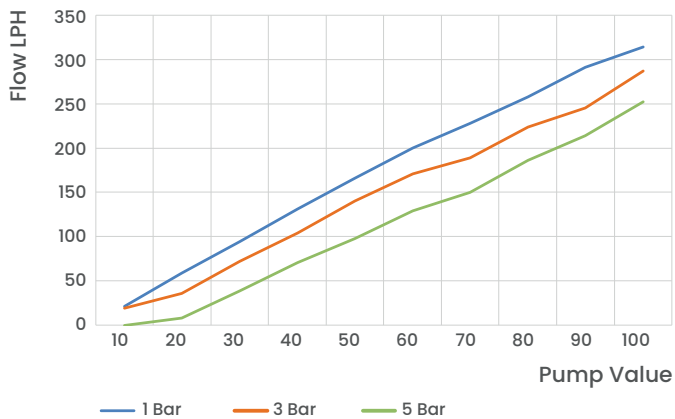
1. 10m pipe (Ø12mm) with BSPT 1/2" connector
2. Input kit
3. Output kit with air release valve & check valve

Simple and Low Cost Installation



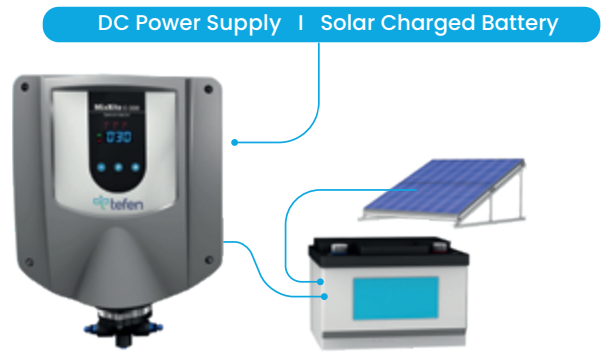
Average Injection Flow Rate

M Type



M Type - L/H			
Pump value	2 bar	4 bar	5 bar
10	21		
20	49	32	
30	86	64	39
40	120	94	71
50	153	125	98
60	181	151	129
70	205	168	150
80	236	191	186
90	266	234	214
100	301	256	252

Two Models



Tefen Flow & Dosing Technologies Ltd.

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