

Volumetric Liquid Dosing Machine - Motorised



The Volumetric Liquid Dosing Machine is ideal for filling non-viscous liquids in accurate preset quantities. The quantity per fill can be adjusted. It is meant for liquids without particulate matter.

The machine consists of a motor and gear box and has one or two pumps attached as required. Each pump has two hoses connected to it – one is for liquid suction and the other is for liquid delivery into the filling medium. The suction hose can be connected or dipped into the container holding the liquid to be filled. Liquids can be filled in glass bottles, PET bottles, Tins, Cans or pouches as required.

The number of bottles that can be filled depends on the volume of output per fill, density of the liquid & mouth diameter of the container being filled.

It is an easy machine to use and requires little maintenance limited to the change in washers in the pump and oil for the gear box.

The main advantages of the machine are:

- The machine is sturdily built of SS 304 and all contact parts are also SS 304.
- It can fill hot liquids (up to 80 degrees Celsius) also. For this the inlet and outlet hoses provided are Silicon Braided.
- Bottle Tables to hold the bottles while filling can be provided.
- Accurate fill quantities
- Fast filling
- No spillage & wastage
- Liquid fills untouched by hand.
- The pumps can be easily dismantled for cleaning after use.

The machine is available with the following options:

Fill Range	Output / Minute	Motor HP
5 ml - 50 ml	56 BPM	½ HP
20 ml - 100 ml	56 BPM	½ HP
50 ml - 300 ml	28 BPM	½ HP
100 ml - 500 ml	14 BPM	1 HP

Note: BPM will vary according to viscosity of liquid, bottle mouth diameter and size. The above output quantities are only indicative.



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