

SERIES 500

VOLUMETRIC FILLING MACHINE

ACCURACY IN DISPENSING



Multiple head volumetric piston filler for liquids, pastes, creams, and other viscous products.

The **SERIES 500** machines are multiple head pneumatically operated volumetric (piston type) units with a wide range of applications. They are suitable for accurate dispensing of most liquid or semi liquid products and may be used for filling rigid containers, pouches or formed cavities on FFS machines – or, in the bakery industry, for depositing pie fillings, batters, cake mixes, toppings etc.

FEATURES

- Can be set up as manual or fully automatic filler with container indexing.
- Volume range of 5ml to 5L, with six metering cylinder options.
- Optional multiple stroke mechanism for larger fills.
- Product feed to the filler via 50L and 80L s/s hoppers or with a suction hose from a bulk supply.
- Material may be handled hot or cold, and volumetric accuracy is usually well within +/- 0.5%.

FILLED WITH EXPERIENCE

VERSATILE & ACCURATE

Fills of 5ml to 5L per shot can be achieved with six metering cylinder options available. Also available as a double acting version for continuous fills of larger containers.

SIMPLE & SAFE TO USE

The basic filler is pneumatically operated, and is completely safe in a wet (or hazardous) area. It is manufactured to strict hygiene standards, and can be easily disassembled when in-place cleaning is not applicable. An auto gating kit is available to convert the basic semi-automatic filler to a fully automatic system suitable for auto filling on almost any conveyor. Versatile design using pneumatic control with foot switch or electrical initiation.

HYGIENIC

Construction is generally corrosion resistant, with frame and covers fabricated in T304 stainless steel. All contact parts are manufactured from T316 stainless steel or suitable plastics, allowing it to be used for such diversified products as foodstuffs and corrosive chemicals. A range of non-drip shut off nozzles enables exceptionally clean filling of most products, with a sub-surface fill option available for efficient filling of foaming liquids.

Currently filled by **SERIES 500**: Butter, yogurt, jams, shampoos and conditioners, nail varnishes, body lotions, detergents, paint, printing inks and agricultural chemicals.

ACCESSORIES

- Optional multiple stroke mechanism for larger fills.
- A wide range of non-drip shut off nozzles are available with different outlets.
- Three types of product valves available – large rotary, extra large rotary and check valve.
- Optional sub-surface filling mechanism and nozzle for filling foaming products.
- A range of portable S/S stands – low level, standard and heavy duty with adjustable height.
- For viscous products a product compensator and relief valve may be fitted.

