

Eco – Filler™



Cartridge Filling System

The *Eco-Filler* is a “table-top” *Digital Weight Control System* for the filling of **Ink Cartridges** (any size/ style), **Metal or Plastic Cans, Pails and Kits**. It is available in a semi or fully automated version.

Filling is carried out in two stages; first stage, gives rapid filling while the second stage completes the fine and accurate filling to the desired quantity. It is accurate to within (approx) +/- 0.05%.

Features:

- **Design** – Simple, reliable and economical
- **Efficient and accurate** – Fully microprocessor Programmable Digital Controller operated 2-stage for quick and precise filling.
- **Quick Weight Selection** – Automatic taring of cartridges, cans and pails.
- **Hygienic** – Parts in contact with products are made from stainless steel 316
- **Clean and Tidy Operation**



Product Characteristics: different viscosity (pastes, liquids or creams) liquids and different temperature ranges up to 100 degree C.

Construction:

- Simple, rugged and durable** – Major components are made of high quality stainless steel. Filling and control systems are mounted on single column attached to the scale platform.
- Load Cell** - single cell weighing platform. It is designed for accurate and reliable operation. It is protected from moisture and mechanical shock load by 4-point mechanical stoppers.
- Programmable Digital Controller** – The microprocessor controls the filling sequence and accuracy. It comes with Manual Fill / Net Fill / Gross Fill mode selection. It also has a printing function for data output.
- Filling Nozzle** – Snappy filling cut-off is achieved pneumatically. The filling nozzle is mounted on a vertical movable stainless steel lance, which is convenient for height adjustments.
- Safety Features** – includes low pressure pneumatics; low tension electrical supply and an emergency stop button.

Note, The designs and construction are subject to modifications and improvements without notice.

Electrical / Air Supply Requirements:

Air Supply: 7 – 8 bars (Min. 6 kg / sq. cm at 0.2 m³)
Electrical supply: 230V AC Single phase (converter supplied)

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