

**Koldpack**<sup>®</sup>

FILLING & PACKAGING TECHNOLOGY

Automatic and Semi - Automatic Filling Machines  
Complete Filling & Bottling Systems  
for Bulk Packaging Applications



# eFilling Machine

( Flow Sensor Based )

The electronic micro controlled filling machine is compact and highly efficient machine with elegant look. This multi featured machine meets the GMP requirements of filling for any kind of container.

The flow of liquid is measured and converted in to digital signals, which is being controlled by PLC/HMI based circuit.

The entire filling range of 500ml - to - 5 liters or 5 liters - to - 20 liters can be set on the machine without any change part.



## Technical Specifications

<b>Model</b>	e-FILL-1 HS
<b>Out Put ( BPM ) *</b>	2 to 3 ( for 5000 ml )
<b>Electrical Supply</b>	AC 230 V single phase.
<b>Compressed Air</b>	4 -6 Kg/ cm2
<b>Construction</b>	Contact parts : SS 316, Other parts : SS 304, Structure : MS powder coated
<b>Application</b>	Bulk filling applications

## Salient Features

- No change part required to fill different fill sizes.
- Very low operating noise and vibrations.
- Programmable Diving nozzle for foamy liquid as well as for flexi bags. (optional)
- Zero dripping from Nozzle.
- Easy detachable pipe line for cleaning/ CIP purpose.
- Better accuracy of 0.1 to 0.5 %
- Bigger and Bright display in HMI panel.
- Real time Based shift records.
- Robust construction, elegant look.

# Net Weight Filler

( Weight Metric Filling Machine )

Wight filler is best suited for viscous liquids of higher density and filled in bulk quantities e.g. 5 Kg jerry canes, 5 gallon pails etc. Often times there are products that must be sold by weight for commercial reasons and therefore this filling machine is the easy and best choice.

The entire filling range of 1 liter-5 liters or 5 liters - to - 20 liters can be set on the machine without any change part.



## Technical Specifications

<b>Model</b>	e-FILL-1 HS-W
<b>Out Put ( BPM ) *</b>	2 to 3 ( for 5000 ml )
<b>Electrical Supply</b>	AC 230 V single phase
<b>Compressed Air</b>	4 - 6 Kg / cm2
<b>Construction</b>	Contact parts : SS 316, Other parts : SS 304, Structure : MS powder coated
<b>Application</b>	Mass Based Bulk filling applications

## Salient Features

- No change part required to fill different fill sizes.
- Very low operating noise and vibrations.
- High resolution of accuracy by Course and Fine filling options.
- Zero dripping from Nozzle.
- Easy detachable pipe line for cleaning/ CIP purpose.
- Better accuracy of 0.1 to 0.5 %
- Auto tare facility.
- Real time base shift records (optional)
- Robust construction, elegant look.

# Barrel / Pail - Filling Machine

Based on Net weight filling principle, KOLDPACK offers most advanced multi featured barrel filling machine with robust design and elegant look.

Machine is best suited to fill less viscous liquid in bulk quantities i.e. 100 liters, 200 liters.



## Technical Specifications

<b>Platform size</b>	650 x 650 mm
<b>Infeed</b>	Roller conveyer
<b>Out feed</b>	Roller conveyer with slope
<b>Out put</b>	25 bph / 210 Kg. 30 bph / 100 Kg.

# Fully Automatic Filling Machines

Automatic Electronic Micro Control Filling Machine is compact and highly efficient machine with elegant look. This multi functional multi featured machine meets the GMP requirements of filling for glass, plastic or Aluminum bottles. The machine has its own pumping system to connect the machine with main tank.

The flow of liquid is measured and converted in to digital signals being controlled by PLC/HMI based circuitry. Minimum adjustment required to set different capacities from 0.5 liter to 5 liters with varying size containers. The entire range can be set on the same machine without any change parts.

## Salient Features

- No change parts required to fill different fill sizes.
- Heavy duty base, Robust Construction, Elegant matt finish b
- Accuracy of 0.1 to 0.5 % by using different kind of flow sens
- Diving Nozzles with No container No fill arrangement.
- Pneumatically operated bottle stopper.
- Programmable diving nozzle for foamy liquid.
- Very low operating noise.
- PLC / HMI controlled latest technology.
- All contact parts : SS 316 with easy detachable pipeline.
- Auto CIP options.



## Technical Specifications

Model	e - FILL - 2H	e - FILL - 4H	e - FILL - 6H	e - FILL - 8H
<b>No. of filling Heads</b>	2	4	6	8
	50 ml to 1 liter	50 ml to 1 liter	50 ml to 1 liter	50 ml to 1 liter
<b>Filling Range</b>	1 liter to 5 liter	1 liter to 5 liter	1 liter to 5 liter	1 liter to 5 liter
	5 liter to 20 liter	5 liter to 20 liter	5 liter to 20 liter	5 liter to 20 liter
<b>Electric Specifications</b>	2 H.P., 440 V 3 phase / 50 Hz	2 H.P., 440 V 3 phase / 50 Hz	3 H.P., 440 V 3 phase / 50 Hz	4 H.P., 440 V 3 phase / 50 Hz
<b>Air pressure</b>	4 -6 Kg / cm2	4 -6 Kg / cm2	4 -6 Kg / cm2	4 -6 Kg / cm2
<b>Air Consumption</b>	1 cfm	1 cfm	1.5 cfm	2 cfm



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Complete filling and bottling systems are available for the entire spectrum of packaging applications:

- Pharmaceutical • Industrial • Cosmetic • Biotech
- Laboratory • House-Hold Products • Biomedical • Chemical
- Food • Automotive • Veterinary • Paint
- Toiletries • Hygienics and Sanitary • And more



- Products manufactured by us can be used to serve packaging purpose for above kind of products.
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