

Autokap™

1400 Series Single-Head Fully-Automatic Filler

The Autokap™ 1400 series is part of the Rapak portfolio of cost effective filling equipment for liquids. Rapak's filling systems include semi-automatic and fully automated multi-heads for filling fresh and stable or sensitive liquids.

About

Autokap 1400 series are single-head fully-automatic bag fillers designed for a range of fresh or stable liquid products. Each filler is specified for the required type of liquid and can be installed as an integrated pair for high output applications.

Capacity

1.5 - 20 L bags (.5 gal. - 5 gal.)

Fully Pneumatic Operation

Simplified maintenance training

Fitment Compatibility

Compatible with a large range of fitments

Applications

The 1400 series is designed for both hot and cold fill of product. It is ideal for an extended range of liquid products such as:

- wine
- water
- edible oil
- liquid dairy
- condiments
- chemicals
- post-mix syrup
- liquid egg



Standard Components

Controls: Allen-Bradley PLC / HMI

Flowmeter: 1.5" Magnetic

Filler Communication: Ethernet

Guarding: Bi-fold Interlock Doors

Pneumatic Components: Festo

Production Output

Production is dependent on product supply conditions. The rates below are based on filling water at 110 Gallons/minute (GPM) flow rate.

Volume L (gal.)	Flow Rate (BPM)
1.5 L (0.5 gal.)	19 bags/min
3 L (1 gal.)	18 bags/min
5 L (1.5 gal.)	15 bags/min
10 L (2.5 gal.)	11 bags/min
20 L (5 gal.)	8 bags/min

Construction

All fabricated components are made from stainless steel and engineering plastics.

The filler surface finishes are designed to USA 3A Standards and European Hygienic Engineering & Design Group (EHEDG) Standards.

Utilities Required

Power Supply: 120 volts - Single phase, 10 amps

Air: 10 CFM at 80 psi, clean and dry, 1/2" NPT connection

Water: 3 gallons/minute (GPM) at 30 psi

CIP/Flush: 40-60 GPM, 1.5" Tri-clover with check valve, minimum 5 ft/sec velocity

Product supply: Standard 110 gallons/min. at 35 psi max; 1-1/2" tri-clover connection

Compliance

All Rapak fillers comply with UL/NEC Electrical Codes, OSHA Safety, FDA and 3A Regulations



Learn more about the AutoKap filler at www.rapak.com