

# 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](http://www.rapak.com)