

Autokap™

1700 Series Single-Head Fully-Automatic Filling Machine

The Autokap™ 1700 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, stable and sensitive liquids.

About

The Autokap 1700 series is a small footprint, single-head fully-automatic bag filler. The machine has a fixed fill head, keeping the bag stationary during the filling process. The 1700 series accepts bags into the machine spout leading and utilizes a servo drive for the bag in-feed system and fill valve positioning.

Capacity

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

Fully Pneumatic Operation

Simplified maintenance training

Fitment Compatibility

Compatible with a large range of fitments

Applications

The 1700 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
- post-mix syrup
- liquid egg
- chemicals/motor oil

Each filler is specified for the required type of liquid.



Standard Components

Controls: Allen-Bradley PLC / HMI

Flowmeter: 1.5" Magnetic

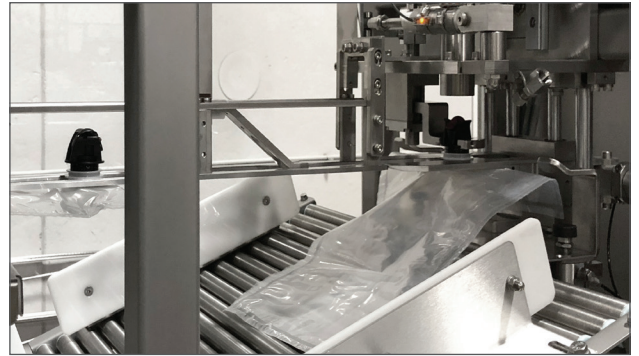
Filler Communication: Ethernet

Pneumatic Components: Festo

Production Output

Production output 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)
3L (0.5 gal.)	17 bags/min
5L (1.5 gal.)	15 bags/min
10L (2.5 gal.)	11 bags/min
20L (5 gal.)	9 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: 480 or 220 volts - 3Ø, 15 amps

Air: 10 CFM at 80 psi, clean and dry, 3/4" NPT connection

Product Supply: Standard 110 gallons/min. at 30 psi max; 1-1/2" tri-clover 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

Compliance

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