

Reliable Productivity and Safety in Filling Machines

EL2-E ADVANCED SERIES

AUTOMATIC FILLING AND CAPPING MACHINE FOR CONTAINERS FROM 1L TO 60 L INTEGRATED IN AN AUTOMATIC CONVEYING LINE

Fully automatic filling machine **EL2-E** from **AiCROV's Advanced Series**. A fully automatic filler for filling liquid and viscous products in containers from 1 liter up to 60 liters completely automatically and safely for the operator, integrated in an automatic conveying line. It can also include automatic capping.

Benefits:

- ✓ Fully automatic filling at double flow with automatic tare in each cycle. Automatic capping with torque control available.
- ✓ Quick and simple set up and configuration.
- ✓ Fully automatic filling quality control at the end of each filling cycle to ensure that the required tolerances are fulfilled.
- ✓ Modular and expandable configuration.
- ✓ Possibility of manufacturing in stainless steel and with special surface treatments for aggressive products and environments.
- ✓ Version for foaming, flammable, explosive and / or corrosive products.
- ✓ Customer's conveyor line tailor made designed.
- ✓ Easily integrable with other equipment such as labellers, palletizers...



EQUIPMENT CONFIGURATION AND OPERATION

1. Set up the filling recipe on the operator panel with the weight to be filled, the fine adjustment and the filling mode (by immersion, under bunghole or over bunghole). The operator panel can store the recipes for different products, so it is only necessary to enter them the first time.
2. Adjust the height of the filling head manually and without tools to adapt it to the height of the container to be filled.
3. Place the containers on the infeed conveyor, which will automatically move them to the filler. When the containers reach the filler, they will be filled automatically and then also capped. The output of the filler is also fully automatic.
4. The operator should only worry about loading empty containers and unloading those that are already finished.

TECHNICAL SPECIFICATIONS

Approximate nominal production	Up to 400 containers/hour (25 liters)
Approximate weight	1.500Kg
Weight scale resolution	3.000 divisions: 20gr (standard) 6.000 divisions: 10gr (optional)
Power	Electrical: 3x380 VAC, 50-60Hz, <10Kw Pneumatic: 6Bar, 80 NI/cycle approx.
Room temperature	5-35°C (out of this range on request)
Product temperature	0-130°C (out of this range on request)
Movie	https://www.youtube.com/watch?v=yp8pSmEQ50U https://www.youtube.com/watch?v=rIcWSAGdyDk&t=0s https://www.youtube.com/watch?v=NxokL9C26W0

AVAILABLE ACCESSORIES

- ✓ Gas hood with anti-drip system.
- ✓ Product hose support system.
- ✓ Proportional filling control.
- ✓ Product feed pump control.
- ✓ Communication with plant.
- ✓ Internal and external cleaning system of the filling nozzles.
- ✓ Integrated flushing system.
- ✓ Coding of filling nozzles for incompatible products.
- ✓ Rack for filling nozzles storage.
- ✓ Data storage at AiCROV's DB.
- ✓ Overfill detection.
- ✓ Remote device access module.
- ✓ In/Out conveyors.
- ✓ Nitrogen purging.