



FLOW-PILOT buffer tank

Description

FLOW-PILOT nitrogen pressure buffer tank

Flow, pressure and process control equipment for your liquid production circuits.

The FLOW-PILOT pressure vessel has been developed and fine-tuned to guarantee:

- Optimised regulation of low and constant liquid inflows / high and fractionated liquid outflows to the filling machine for each bag
- Maximum counting precision
- High filling speeds without agitation or oxidation of the packaged liquids
- Minimal nitrogen consumption
- Automated management of cleaning, priming and filling processes

Specific features

- FLOW-PILOT is easily integrated into the customer's processes and inter-machine communication.
- Precision: Real-time radar level sensor. Perfectly controlled levels and flows.
- Safety: safety valve set at 2 bar.
- Equipment complies with Pressure Equipment Directive 2014/68/EU. Conformity verified and validated by an independent body.

More info

Print

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Capacity

- **FP100: 100-litre tank for 1 filling head**
- **FP300: 300 litre tank for 2 filling heads**

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Technical characteristics

- **Nitrogen supply: 2,5 bar**
- **Electricity supply: 400 VAC 50 Hz (3P+N+E)**
- **Connection: to be defined**
- **Liquid supply: 2 bar max.**
- **FP100:**
- **Dimensions: Depth: 800 mm / Width: 800 mm / Height: 2100 mm**
- **Weight: approx. 200 kg**
- **FP300:**
- **Dimensions: Depth: 1300 mm / Width: 900 mm / Height: 2350 mm**
- **Weight: approx. 230 kg**

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Standard configuration – standard equipment

- **304 stainless steel frame**
- **Electric control box with intuitive 3.5" colour touchscreen display with micro-SD card**
- **Cylindrical 316 stainless steel tank with convex base**
- **Safety valve calibrated and supplied with calibration certificate**
- **Internal pressure control gauge**
- **Liquid presence sensor (0-100%)**
- **Automatic valve at liquid outlet**
- **Rotating wash ball in the tank with automatic pilot feed valve**
- **Options: please consult us**

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