

CMF 400 – R&D, Pilot Plant, Low volume

Mixing, carbonating and bottle filling equipment



Specification

Fully automatic mixing and carbonating, semi automatic filling equipment designed for small scale production and packaging into a wide range of containers including glass bottles, PET bottles or cans. Flow plate enables to use just carbonator/filler on its own for non or already carbonated products. Also suitable for research and development uses.

Features

- The same beverage processing technology as used in full scale beverage systems
- Batch based mixing, without dosing pump
- Standard mixing ratio from 1:3 to 1:6 (or on customer demands)
- Two modes of beverage processor – continuous production or minimum sample of beverage (11-19 ltr of beverage, volume depends on mixing ratio)
- Easy change of mixing ratio (mechanical adjustment to height displayed on control panel)
- Automatic continuous deaerating, mixing and adjustable carbonating, at ambient temperature
- Semi automatic counterpressure filling head
- Easy to change bottle sizes, without adjustments for PET bottles
- Fully automatic CIP procedure, suitable for hot CIP
- Easy to operate and maintain
- All stainless steel construction including machine frame
- Allen-Bradley control system and operators panel for comfort operating



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Technical specification:

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Maximum capacity of beverage	450 LPH
Max. CO ₂ content in beverage	12 g/ltr
Capacity of bottles	0.2 – 2.5 ltr
Adjustable bottle height	180 – 340 mm
Bottle pitch	140 mm
Number of filling valves	2
Accuracy of volumetric mixing	±0.5%
Power demand	2 kW
Noise level	60 – 75 dB (A)
Weight	300 kg
Dimensions	1.3 x 0.9 x 2.2 m
Electrical connection	3+PE+N/400 V; 16 A; 50 Hz



Price on application

Prices exclude vat and delivery