

Product Name :
Carbonator Filler Or Capper

Product Code :
ENGLABINGCAG650001



Description :

Carbonator Filler Or Capper

Technical Specification :

The miniature-scale carbonator provides the ability to establish precise and repeatable parameters when carbonating in the laboratory, this can dramatically improve the speed with which new products are developed.

The totally new design including a large number of improvements and enhancements. In particular, special attention has been given to the ease of use, enhanced flexibility, reliability and improved Clean In Place (CIP). Both premix and postmix operations are available from the standard machine, and an option is available to add the syrup for postmix automatically. Other options enable for deaeration of the product and evacuation of the bottles, continuous processing capability, and filling and capping (screw and/or crown) at a single station without removing the bottle.

The Carbonator/Filler is easy to install, set up and use.

Colour touch screen control is used with a new graphical interface, enabling different carbonating and filling scenarios to be set and stored. The improved semi-automated cleaning programme takes the user step by step through the cleaning process and enables the unit to be made ready for another product or formulation.

Technical Specifications :

Gas pressure: 0-4 bar

Gas content: 0 >12 g/l

Vessel capacity: 130 litre (certified in accordance with the Pressure Equipment Directive) (27 litre product)

capacity)

Contact surfaces: 316L Stainless Steel or food grade platinum cured silicone hose

Gases: CO₂, N₂ or any safe, non-flammable alternatives or mixture

Features & Benefits :

Easily reproducible test batches

Very flexible and accurate

No CO₂ loss during filling due to double stage cooling

Easy to use: many functions automated

Cost saving: for small test batches no production line is required

Additional filling/capping head (FT104X) can be added at a later date

Fill and cap different container styles to individual parameters on the same product run with the FT104X

32 preset programs

Accurate control of filling and carbonating variables

Option of filling and crown seal capping and/or screw top capping at a single station

30l process vessel, positioned at a convenient height

Batch & continuous processing

Throughputs up to 60l/h achievable (2l bottles)

Higher throughputs possible with add-on filling/capping system

Wide range of cans or bottles can be used from 0.15l to in excess of 2l

Evaluation service for customer cans and bottles

CO₂ content of 12g/l can be realised

Enhanced colour touch screen control with help facility as standard

In-bottle pressure measurement enables accurate and reproducible depressurisation

Improved cleaning programs with heater and spray ball

Carbonates at any temperature between 4°C and ambient

Premix and postmix capability

Adds protective gases (N₂ connection now standard)

Many parameters can be automated

Fills non-carbonated drinks

CO₂ or NO₂ flushing

Carbonates foaming products



Engineering Lab Equipment India