



Counterpressure volumetric electronic filler **Fillstar CX**

Aseptic filling technology aims at reaching the best performance in terms of filling speed, accuracy, flexibility and, at the same time, maintaining the sterility of the product: GEA Procomac aseptic fillers are designed focusing on the elimination of any possible risk for the product and crucial attention to environmental control.

The volumetric counterpressure electronic filler Fillstar CX is based on the principle of the magnetic flow meter. Thanks to pneumatically controlled valves, filling cycle can be optimized for any product/container combination to obtain best filling performance or smallest footprint for the required speed.

Any liquid product can be filled including CSD, still drinks, clear products and liquids with pulps and fibres. Fillstar CX offers excellent performances for aseptic filling of still liquids, thanks to the absence of contact between filling nozzle and the bottle neck when bottling still liquids, and it is optimized for hygienic filling of carbonated liquids with contact between bottle and filling nozzle.

Fillstar CX is available in a range of models from 70 to 140 filling valves for a production speed from 6.000 to 67.500 1.0 l bottles per hour when bottling still products and from 6.000 to 55.000 1.0 l. bottles per hour when bottling carbonated soft drinks.

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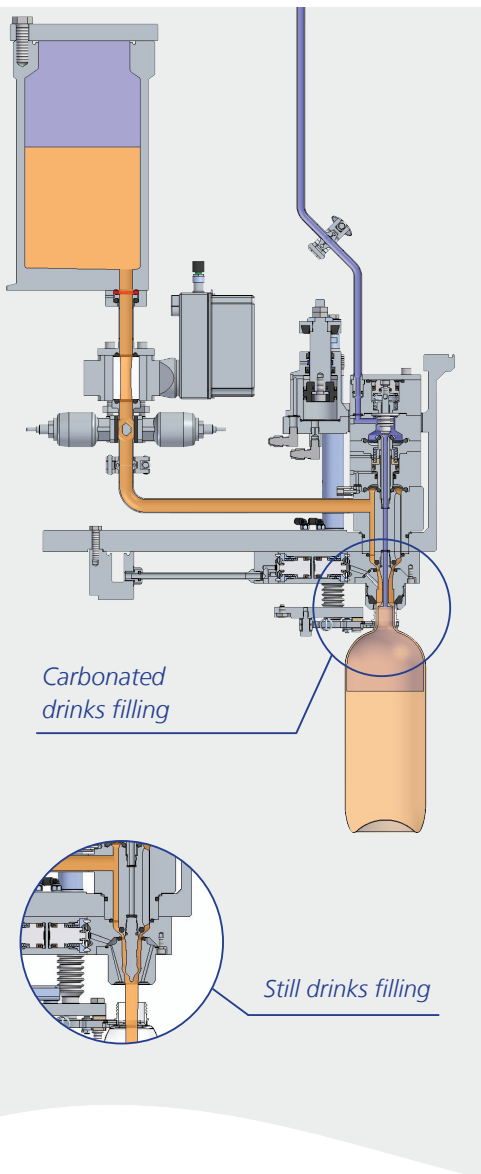
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Fillstar CX: flexible aseptic filling technology

Counterpressure
volumetric electronic
aseptic filler for still and
carbonated products

Features

- Counterpressure volumetric electronic filling head with magnetic flowmeters.
- Full pneumatical control of filling cycle.
- Rotating product ring tank.
- Membrane valves are used for pressurisation, separate air return, snift.
- Pipelined snift.
- Excellent features for aseptic filling of still liquids and hygienic filling of carbonated liquids.
- No contact between filling nozzle and the bottle neck when bottling still liquids.
- Automatic CIP cups insertion and extraction for closed-loop CIP/SIP.
- SIP performed with over heated water.



Advantages

- Versatile filling head: any liquid product can be filled including CSD, still drinks, liquids with pulps and fibres.
- Complete neck handling system: any container with the same neck finish can be filled with fast changeover.
- Product measure with magnetic flowmeters: product saving, can adapt to container with variations in shape.
- Pneumatic valves: filling cycle can be optimised for any product/container combination to obtain best filling performance or smallest footprint for the required speed.
- Easy tuning of filling cycle: difficult foaming products i.e. diet CSD can be filled at ambient temperature with no loss of speed: cost reduction (no product chilling).
- Positioning of magnetic flow meters: easy access for maintenance of electronic components even during production.
- Controlled by industrial PC: easy connection with rest of line and supervision software; connection with optional Checkstar full bottle control for advances sampling and monitoring capabilities.
- Clean design; filler is easy to clean and "hygienically correct".



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Via Fedolfi, 29 - 43038 Sala Baganza (PR) Italy
Tel: +39 0521 839411, Fax: +39 0521 833879
sales.procomac.it@geagroup.com, www.procomac.it