

# Fillstar FX



*Procomac Fillstar FX in aseptic version with microbiological isolator.*

## Volumetric electronic filler

Key features of this filler are the absence of contact between filling nozzle and bottle, filler sterilization by steam, a linear product path where the product is pushed by an overpressure of inert gas into the filling tank, a volumetric electronic design where a flow meter determines the quantity of liquid according to the container and closes a membrane valve when the preset quantity is reached with no other moving components in contact with the product. As a further guarantee, all moving seals are coupled with a thermal barrier, either by steam or electrically. Procomac has also developed a new filling nozzle which can handle products with pulps and fibres with a maximum diameter of 3 mm and a maximum fibre length of 18 millimetres (for example freshly squeezed orange juice can be filled).

An international patent has been issued regarding a new electrical barrier installed on the capper's main moving seal: this barrier separates the lower part of the capper, which comes into contact with the bottles, from the upper lubricated part which is placed outside the microbiological isolator. Procomac is one of the first companies to achieved the 3A international certification for its milk filling lines based on the new "third party verification" procedure.

*Safety, flexibility and ease of use*

## Fillstar FX

Aseptic filler for still products



### Products

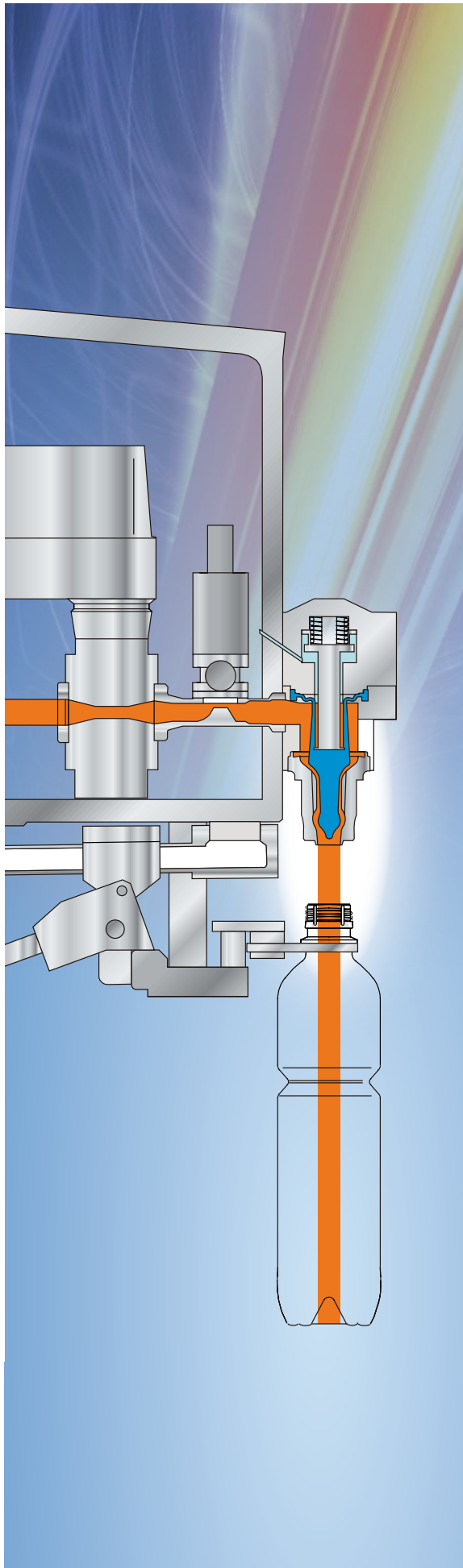
- Still water
- Still drinks
- Milk
- Sport drinks
- Fruit Juices

### Features

- Volumetric electronic filling head with magnetic flow meters.
- Excellent features for aseptic filling of still liquids.
- No contact between filling nozzle and the bottle neck.
- Automatic dummy bottle insertion and extraction for closed-loop CIP (international patent).
- User-friendly touchscreen control panel available as an option.
- External product tank.
- 3A certification for dairy applications.

### Advantages

- Advanced product and container flexibility:
  - Can fill limpid product or products containing pulps and fibres
  - complete neck handling system: fast bottle changeover
  - Self-adapting grippers to treat bottles with different neck diameters available as an option
- No contact between bottle and filling head:
  - Optimal hygiene
- Fully automatic CIP and SIP cycles.



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