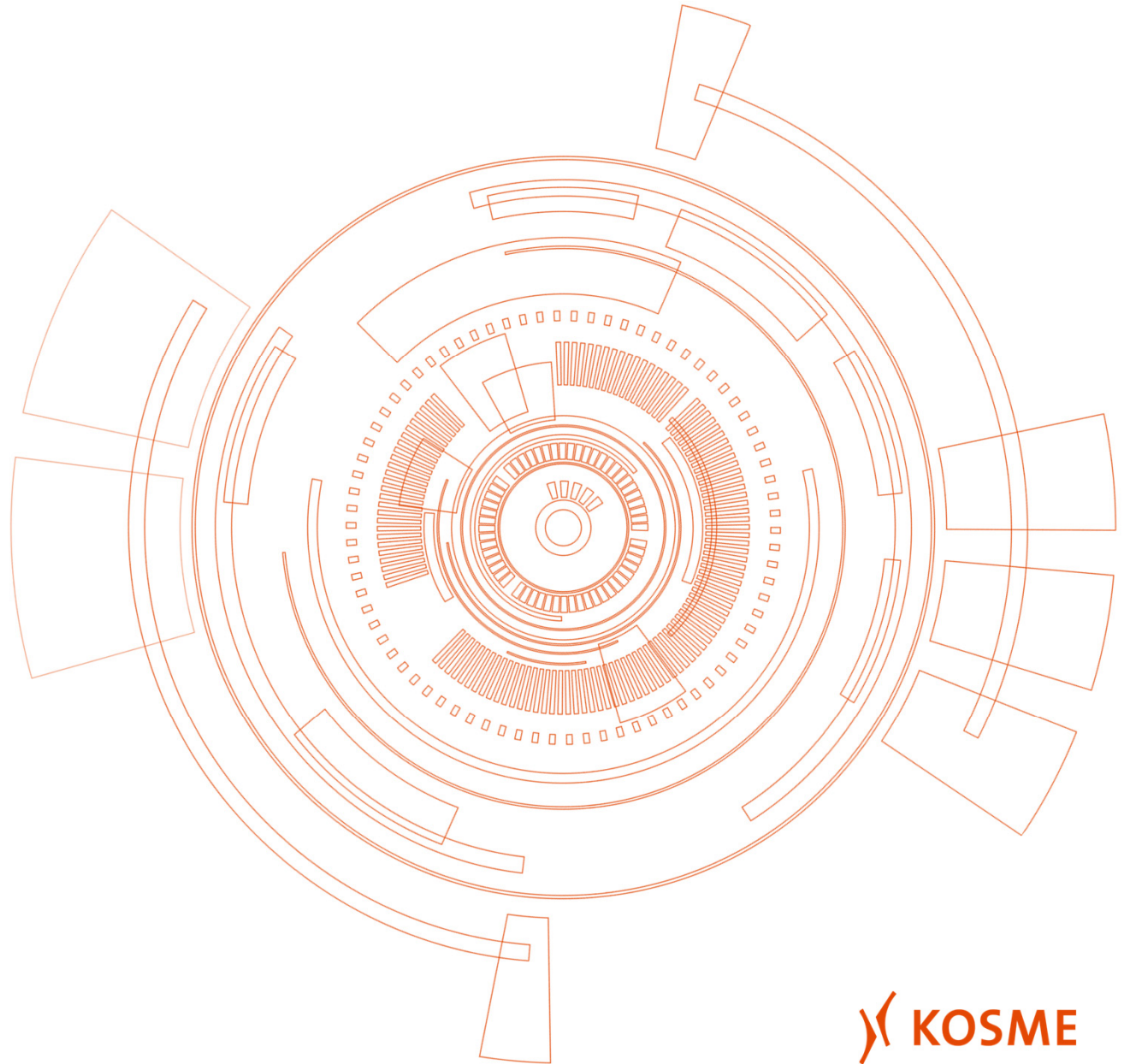


Weighfill WF

Fillers with load cells





Fillers with load cells – Weighfill

- Weighfill is KOSME's weigh filling machine with load cells specifically developed for liquid filling tasks in which even a single gram makes a difference, such as oils (mineral/food), dense spirits, personal care products, home care products or cosmetics.
- Thanks to the painstaking fill flow management, it provides excellent precision and repeatability.
- The digital load cells are fully sealed, fluid-proof, and offer the advantages of high precision with reduced set-up times and “plug and play” replacement.
- Thanks to the versatility of the filling valve, the machine meets all requirements and perfectly maintains the product quality unaltered.
- The new Weighfill machines are available as single-block or modular units





New load cell

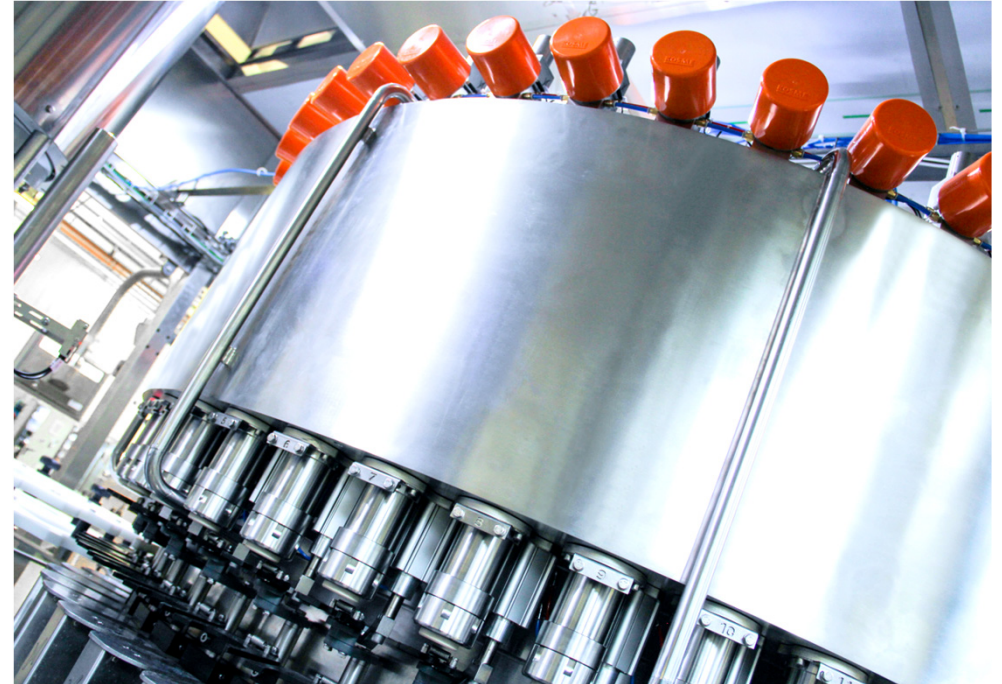
- The new load cell is the result of a joint project of KOSME and KRONES.
- The scale is fully sealed and hence protected against humidity.
- An advantage is given by its availability world-wide.





Weighfill valve

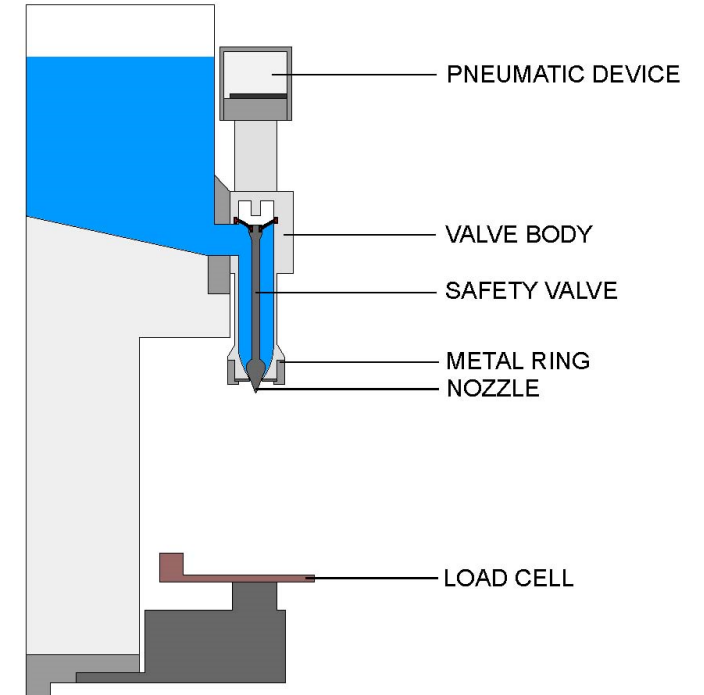
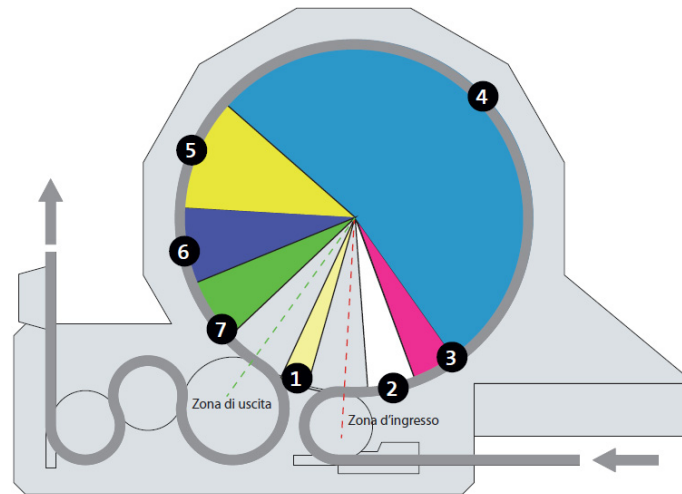
- Filling check valve with rubber terminal.
- Valves equipped with a nozzle to reduce turbulence during the filling process
- Valves equipped with terminal for quick disassembly (for maintenance purposes or for changing the nozzle diameter, depending on the characteristics of the product to be filled)





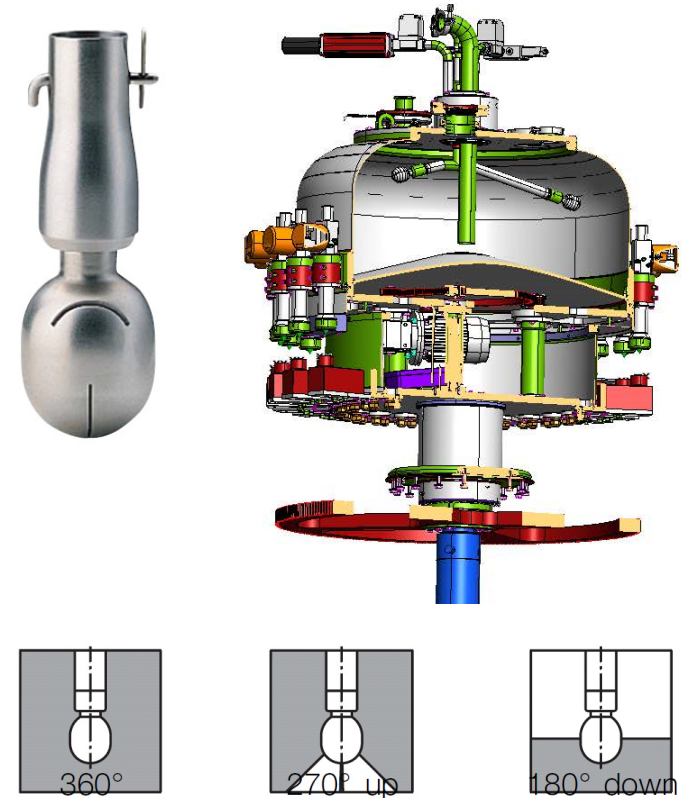
WF valve (20265K)

- 01 – Reset area
- 02 – Infeed area
- 03 – Tare delay
- 04 – Filling fast
- 05 – Filling slow
- 06 – Weighing stabilisation
- 07 – Final check



Low-flow cleaning – Spray ball

- The detergent flow makes the spray head rotate, whereby the fan jets create a swirly pattern inside the entire container.
- This generates a vibratory effect and a cascading flow, which covers all internal surfaces of the tank or reactor.
- The device presents a self-cleaning function, in that the detergent is conveyed through the pivot bearing guides and to the neck of the extended head.

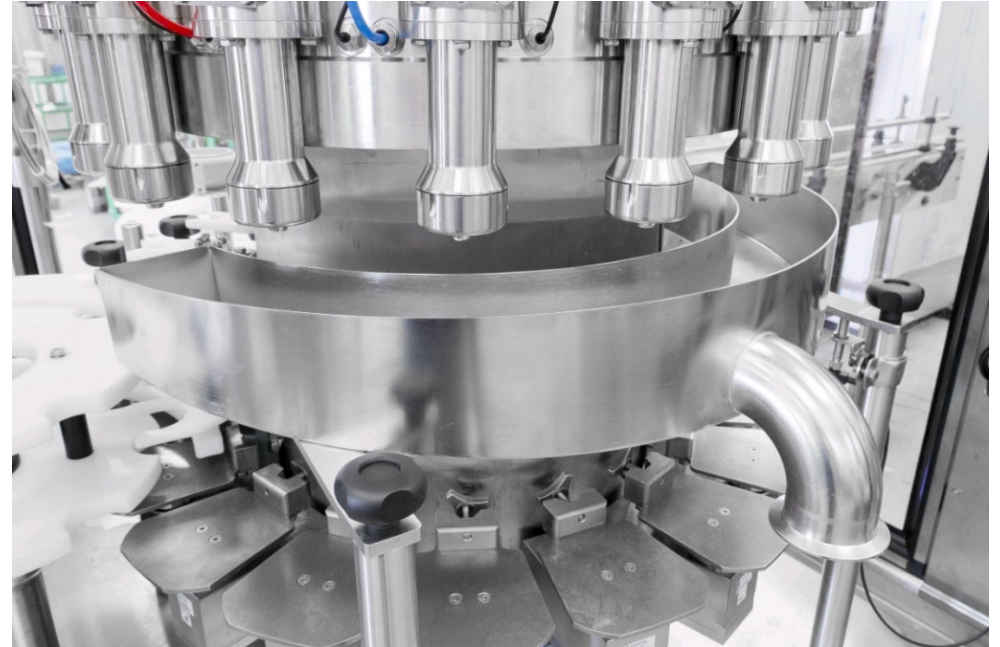




Cleaning system

Cleaning pan

The cleaning agent / disinfectant or the product reaches the filling valve from the product tank and is then discharged in the cleaning pan.





Capper tower

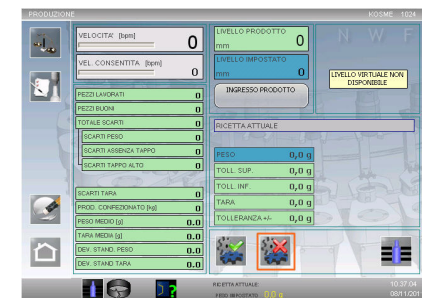
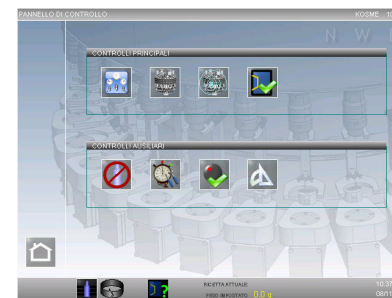
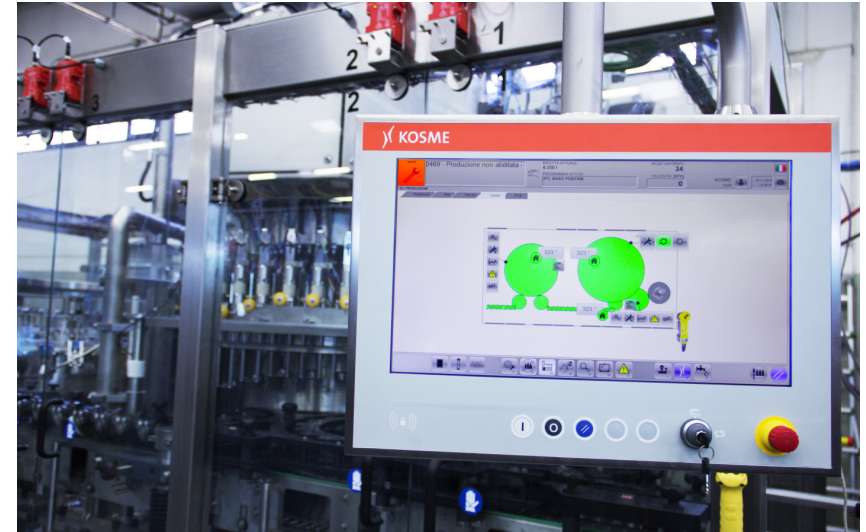
- All our fillers can be set for any possible application with capping heads.
- The new modular design allows you to easily combine different capping heads.
- Caps available in versions entirely made of AISI 304 stainless steel (cleanable version).





User interface (MMS)

The 18" touchscreen allows you to navigate through a number of user-friendly menus and to access all functions of the process control system: filling speed, format changeover times, temperature and concentration setting, CO₂ saturation level, pressure, mixing ratio of concentrate and water.





Advantages

- The new load cell ensures high filling accuracy.
- New filling valves in a modular, easy-to-service system
- Machine on modular frame to facilitate delivery, installation, maintenance and cleaning
- Extremely compact machine





Sharing one passion.

