

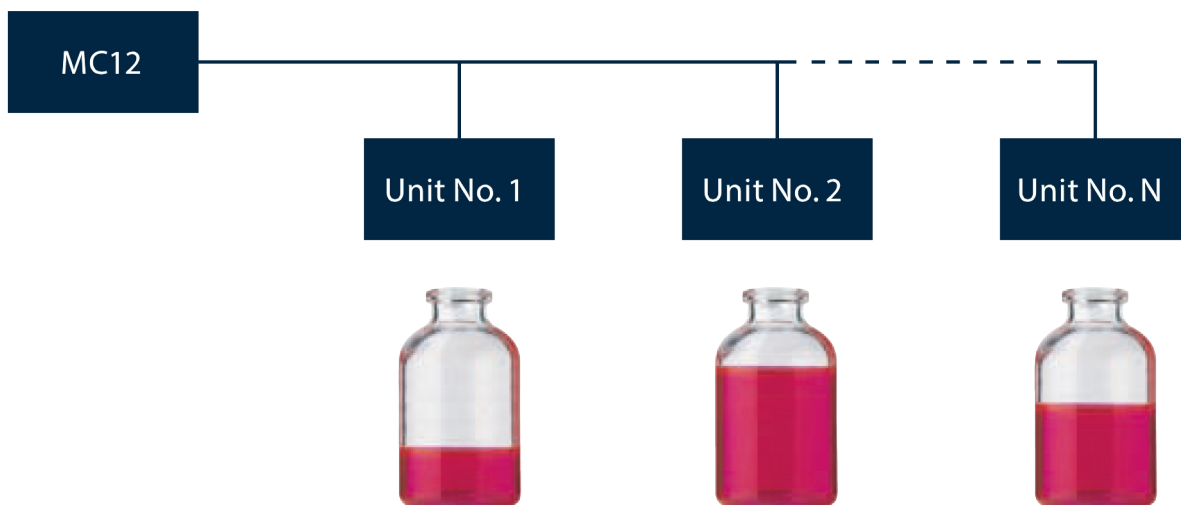
Features and benefits

- Communicates with PLC/HMI via industrial field bus (for example Profibus)
- Allows adjustment of filling parameters or programs via an existing PLC / HMI
- Allows data collection from all processes/functions on the entire filling line
- Filling weight signals for automatic recalibration of individual fillers can be received via existing PLC
- Controls up to sixteen filling units (all versions of PD12 and PD22)
- Filling in parallel, serial or individual mode is standard



Control modes

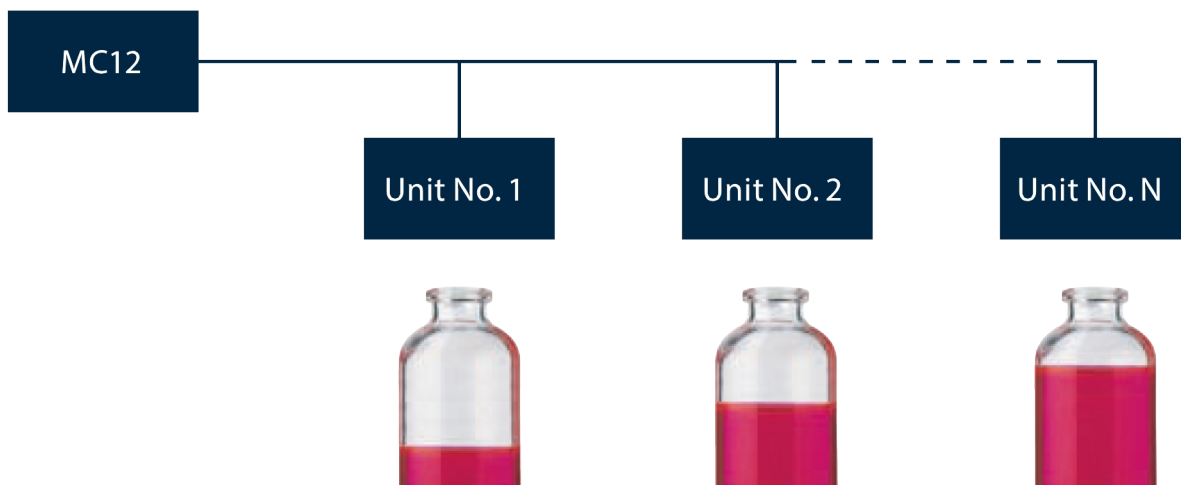
INDIVIDUAL MODE



MC12 can control up to 16 fillers regardless of the type. MC12 controls each filler using individual parameters such as fill volume, tube

diameter, acceleration, use of a sensor for »no bottle – no fill«, activation by an external signal and more. Each filler is calibrated individually.

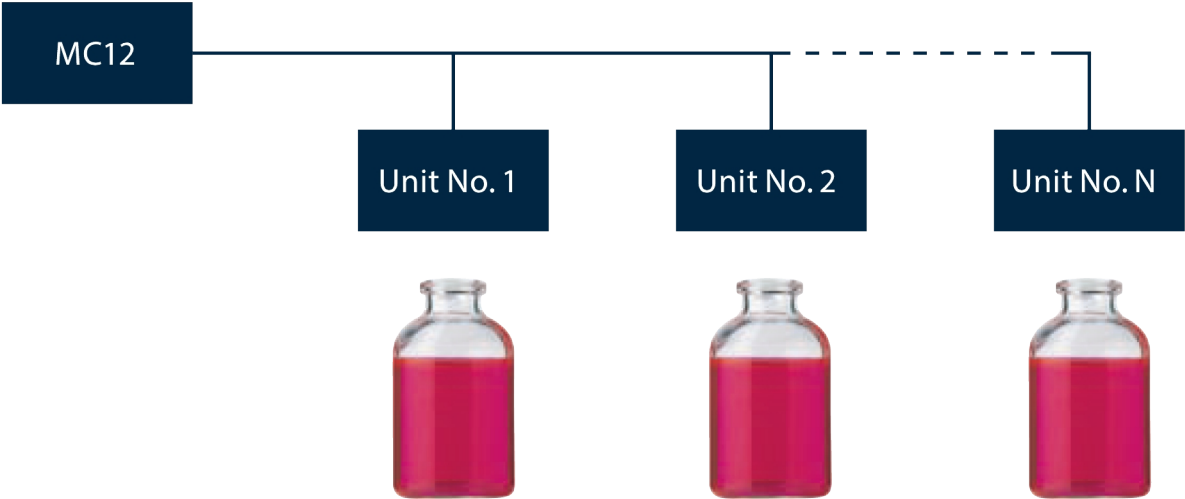
SERIAL MODE



In serial mode, the total fill is made up from the accumulated volumes delivered by each filling station. The fillers can operate with individual tube diameters, thus giving different fill volumes from each filling needle.

Calibration is carried out on all filling stations simultaneously. A sensor for »no bottle – no fill« may be connected. This set-up is used for medium to large production in fully automatic filling systems, primarily using a star wheel.

PARALLEL MODE



In parallel mode, all connected fillers are synchronized with the same set of parameters. The calibration is carried out individually.

A sensor for »no bottle – no fill« may be connected. This set-up is used for larger production volumes, primarily filled on in-line filling systems.

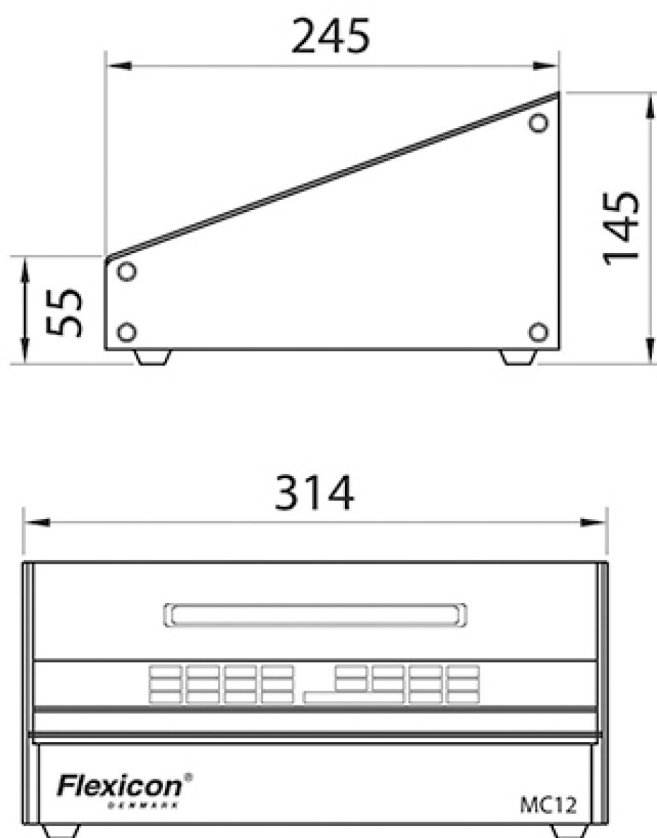
Technical specifications

	MC12
Ingress Protection	IP31
Power supply	110/230 V AC, 50/60 Hz
Power consumption	Max 50 W
Weight ranges	5 kg (11 lbs)
Accessories	Printer, balances, foot switch, electrical bottom-up fill system

Materials of construction

	MC12
Casework	Anodised aluminium

MC12 dimensions



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13 October 2025