



DO **YOU** HAVE
THE RIGHT TOOLS
FOR ACCURATE DOSING?



FLUX-COMPACT^{2.0}

Central dosing system for the automatic dosing of
liquid chemicals to multiple washer extractors



RELIABLE PERFORMANCE

FULL TRACEABILITY

OPTIMAL SAFETY

TAILOR-MADE SYSTEM

LOW MAINTENANCE

Flux-Compact 2.0 is a wall-mounted central dosing system with compact design, for the automatic dosing of liquid detergents to max. 8 washer extractors ≤ 60 kg, with a maximum combined capacity of 260 kg.

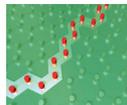
RELIABLE PERFORMANCE



- Calibration of each product separately
- Dosing adaptable to **real weight**
- Automatic check on proper closure of distribution valves at every dosing start

FULL TRACEABILITY

- **Proof of Flow** via flow meter
- **Electrical cabinet** equipped with **circuit board and display**, for a complete & correct follow up of dosing
- Possible to trace down to customer level



OPTIMAL SAFETY



- Different chemicals separated by water in dosing lines
- Water flush after each dosing
- Closed cabinet

TAILOR-MADE SYSTEM

- Chemical valves : choice between blocks of 3, 4 or 5 valves
- Dosing points : choice between blocks of 3, 4 or 5 dosing points



LOW MAINTENANCE

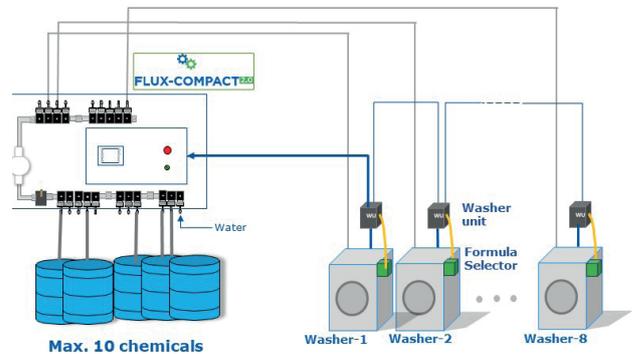


- Membrane pump (no peristaltic pumps)
- Pump made from PVDF for very high chemical compatibility
- Chemical and dosing valves equipped with FFKM sealing (**Kalrez**)
- Less spare parts

APPLICATION

| | |
|-------------------|---|
| Machines | For max. 8 WE's up to 60kg/WE (max. combined capacity of 260kg) |
| Products | Max. 10 liquid chemicals |
| Programming modes | 6 different programming modes for maximum flexibility |

WORKING PRINCIPLE



1. WE sends a signal to Flux-Compact 2.0

2. Flux-Compact 2.0 performs a consistency check: opens water valve while all other valves are closed and checks presence of pulses:

- Pulses? Consistency alarm → No dosing
- No pulses? → go to step 3

3. Open dosing point valve for congestion check:

- No pulses? → congestion alarm
- Pulses? → start dosing

4. Start dosing: water valve closes, dosing point remains open, central chemical pump starts to run

5. Chemical valve opens: product is dosed into chemical collector manifold, product passes through flow meter.

After needed quantity is dosed, chemical valve closes.

6. Flush with water: water valve and dosing point valve open. After flushing, valves close.

7. More chemicals?

- For same dosing point, start step 4
- For new dosing point, start step 2

TECHNICAL DATA

| | |
|----------------|--|
| H X W x D (mm) | 640 x 750 x 217 |
| Capacity | Max flow rate is 70 l/h (-1,1 l/min) |
| Construction | Installed on polypropylene plate with protection cover |
| Mounting | Wall-mounted |
| Net weight | 27 kg (with cover) |

BENEFITS

- Reliable performance
- Full traceability
- Optimal safety
- Tailor-made system
- Low maintenance