



DO YOU HAVE
THE RIGHT TOOLS
FOR ACCURATE
DOSING?



FLUX-COMPACT

Central dosing system for automatic dosing of liquid chemicals to max. 8 washer extractors ≤ 60 kg, with a maximum combined capacity of 260 kg



RELIABLE PERFORMANCE

FULL TRACEABILITY

OPTIMAL SAFETY

TAILOR-MADE SYSTEM

LOW MAINTENANCE



UNXCHRISTEYNS
A BETTER CLEAN.®

FLUX-COMPACT

Flux-Compact is a wall-mounted central dosing system with compact design, for the automatic dosing of liquid detergents to washer extractors ≤ 60 kg.

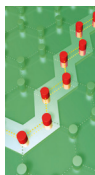
RELIABLE PERFORMANCE



- Calibration of each product separately
- Exact volumetric dosing by **flow meter**
- Self-diagnostic** system continuously monitoring & correcting the dosages
- Dosing adaptable to real weight
- Automatic check on proper closure of distribution valves at every dosing start

FULL TRACEABILITY

- Mechanical Proof of Flow** via flow meter
- Electrical cabinet** equipped with **circuit board with 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 + 1 water valve
- Dosing points : choice between blocks of 3, 4 or 5 dosing points + 1 calibration valve



LOW MAINTENANCE

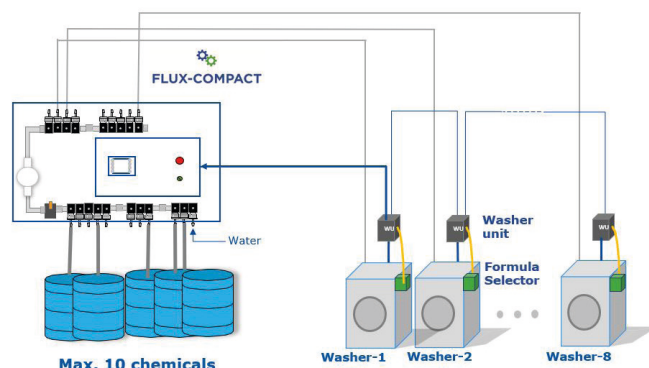


- No peristaltic pumps
- Pump made from PVDF for very high chemical compatibility
- Chemical and distribution valves equipped with FFKM sealing and Viton Extreme O-rings
- Less spare parts

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



- WE sends a signal to Flux-Compact**
- Flux-Compact performs a consistency check:** opens water valve while all other valves are closed and checks presence of pulses:
 - Pulses? Consistency alarm ➡ dosing not possible
 - No pulses? ➡ go to step 3
- Open dosing point valves for congestion check:**
 - No pulses? ➡ congestion alarm
 - Pulses? ➡ start dosing
- Start dosing:** water valve closes, dosing point remains open, assigned chemical pump starts to run
- Chemical valve opens:** product is dosed into chemical collector manifold, product passes through flow meter (volumetric dosing). After needed quantity is dosed, chemical valve closes.
- Flush with water**
- More chemicals?**
 - For same dosing point, start step 4
 - For new dosing point, start step 3

TECHNICAL DATA

H X W x D (mm)	640 x 750 x 217 mm
Capacity	Max flow rate is 72l/h (1,2l/min)
Construction	Installed on polypropylene plate with protection cover
Mounting	Wallmounted
Net weight	60 kg (with cover)

BENEFITS



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