

DO YOU HAVE  
THE RIGHT TOOLS  
FOR ACCURATE  
DOSING?



## FLUX-MULTI

Central dosing system for automatic dosing of liquid chemicals to washer extractors and/or tunnewasher

RELIABLE PERFORMANCE

FULL TRACEABILITY

OPTIMAL SAFETY

TAILOR-MADE SYSTEM

PASSIONATE ABOUT LAUNDRY



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LAUNDRY TECHNOLOGY



# FLUX-MULTI

Flux-Multi is a **high tech, compact** central dosing system for the automatic dosing of liquid detergents to washer extractors (WE) and tunnel washers (TW).



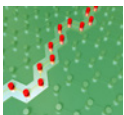
## Main benefits :

### Reliable performance



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

### Full traceability



- **Proof of Flow** units that can detect all chemicals, including non-ionics. For WE's there is also **Proof of Delivery**
- Equipped with plc with memory card, for **complete & correct follow up** of dosing.
- Possible to trace down to customer level

### Optimal Safety



- Closed cabinet
- Different chemicals separated by water in dosing lines
- Water and/or air flushing after each dosing

### Tailor-made system

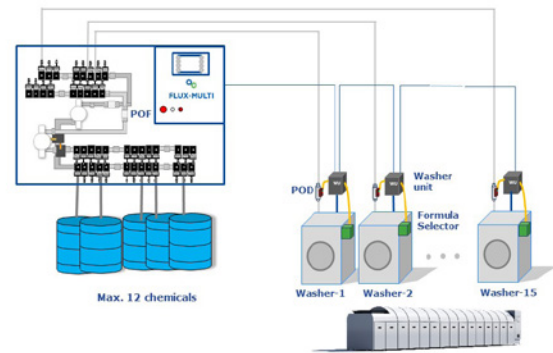


- Modular, tailor-made system
  - **Chemical valves** : choice between blocks of 3, 4 or 5 valves
  - **Dosing points** : choice between blocks of 3, 4 or 5 dosing points

### Application

Type of system	Central dosing system
Machines	- For <b>WE's and smaller TW's</b> - Tailor-made system For 8 - 15 WE For 8 WE + 1 TW For 1 TW
Products	- Max. 12 liquid chemicals - Optional: +2 virtual pums (external pumps or powder detergents via C-Mix)
Programming modes	6 different programming modes for maximum flexibility

## Working principle



1. **WE or TW send a signal to Flux-Multi**
2. **Flux-Multi 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? ➡ step 3
3. **Open dosing point valves for congestion check** :
  - No pulses? ➡ congestion alarm
  - Pulses? ➡ start dosing
4. **Start dosing** : Water valve closes, dosing point remains open, DMP pump starts to run. This creates a vacuum behind the pump.
5. **Chemical valve opens** : Chemical is sucked (because of vacuum), product passes through flow meter (volumetric dosing). After needed quantity is dosed, chemical valve closes.
6. **Flush with water**. Optional : after water, flush with air
7. More chemicals?
  - Next chemical for same dosing point? Start step 4
  - Chemicals for new dosing point? Start step 3b

## Technical data

Flux-Multi	
H X W x D (mm)	1740 x 1060 x 630 mm (with frame) 800x1060x300 mm (without frame)
Standard capacity:	3 l/min. (strongly depends on viscosity of transported chemical)
Mounting:	Upright on mobile frame or wallmounted
Construction:	Frame : Stainless steel Cabinet: polypropylene
Low maintenance	No peristaltic pumps Less spare parts

## Benefits

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