



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



## FLUX-BOX<sup>PLUS</sup>

Decentral dosing system for the automatic dosing of  
liquid chemicals to a single washer extractor



RELIABLE PERFORMANCE

FULL TRACEABILITY

OPTIMAL SAFETY

TAILOR-MADE SYSTEM

LOW MAINTENANCE

**Flux-Box Plus** is a wall-mounted decentral dosing system with compact design, for the automatic dosing of liquid detergents to a single washer extractor  $\leq 200$  kg.

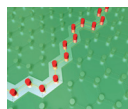
## RELIABLE PERFORMANCE



- Calibration of each product separately
- Dosing adaptable to **real weight**

## FULL TRACEABILITY

- Mechanical Proof of Flow** via flow sensor
- 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
- 1 dosing point



## LOW MAINTENANCE

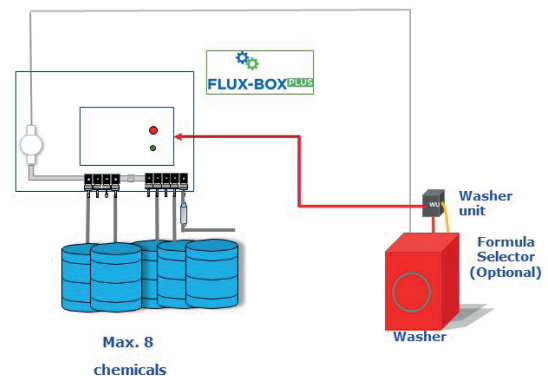


- Membrane pump (not peristaltic)
- Pump made from PVDF for very high chemical compatibility
- Chemical and dosing valves equipped with FFKM sealing (**Kalrez**)
- Less spare parts

## APPLICATION

Machines	For max. 1 WE up to 200kg
Products	Max. 8 liquid chemicals
Programming modes	6 different programming modes for maximum flexibility

## WORKING PRINCIPLE



### 1. WE sends a signal to Flux-Box Plus

**2. Flux-Box Plus performs water flow check:** opens water valve while all other valves are closed, pump starts to run and checks presence of pulses:

- Flow? → go to step 3
- No flow? Alarm → dosing not possible

**3. Water valve closes:** pump is running.  
**Start dosing**

**4. Chemical valve opens:** Pump starts to run, after needed quantity is dosed, chemical valve closes.

**5. Flush with water**

**6. More chemicals?** → Start step 3

## TECHNICAL DATA

H X W x D (mm)	560 x 670 x 211
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	20 kg (with cover)

## BENEFITS

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