



Do **YOU** have the right tools
for accurate dosing?



FLUX-COMPACT

Central dosing system for automatic dosing of liquid chemicals
to washer extractors ≤ 40 kg

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



FLUX-COMPACT

Flux-Compact is a wall-mounted central dosing system with compact design, for the automatic dosing of liquid detergents to washer extractors ≤ 40 kg.



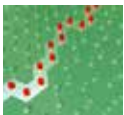
Main benefits :

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 that can detect all chemicals
- Equipped with plc with memory card, 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

Tailor-made system

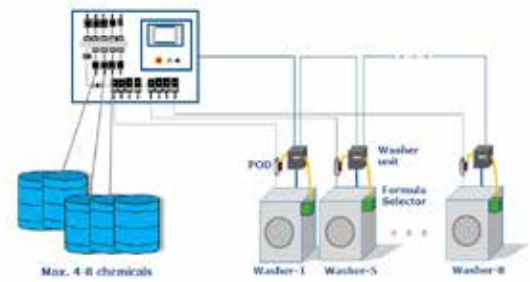


- Modular, tailor-made system
 - **Chemical pumps** : choice between different dosing capacities
 - **Free choice on number of dosing points**

Application

| | |
|-------------------|---|
| Type of laundry | For in-house laundry and apartment laundries |
| Type of system | Central dosing system |
| Machines | For max. 8 WE's up to 40kg |
| Products | Max. 8 liquid chemicals |
| Programming modes | 6 different programming modes for maximum flexibility |

Working principle



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

Technical data

| Flux-Compact | |
|-----------------|---|
| H X W x D (mm) | 661 x 716 x 250 mm |
| Capacity: | Different pump sizes (0,6 l/min - 1 l/min - 3 l/min.) (strongly depends on viscosity of transported chemical) |
| Construction: | Installed on polypropylene plate with optional cover |
| Mounting: | Wallmounted |
| Low maintenance | No peristaltic pumps Less spare parts |

Benefits

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