



Flavy FX Tandem

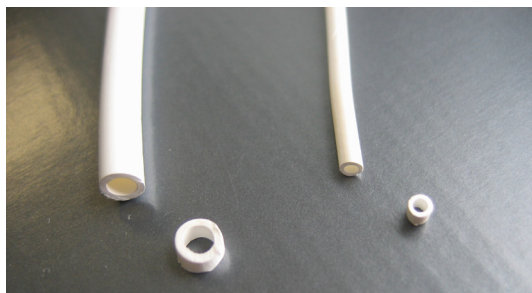


Flavy FX Tandem

A unique cross-flow concept

Flavy FX Tandem main innovation is the association of 2 cross-flow filters operating together but differently: filtration of untreated wines for one and concentration of retentates from the first filter for the other. The machine offers numerous advantages:

- A concept meeting the conditions for the filtration of large batches of wine.
- A significant increase in productivity (smaller losses, control of plugging, etc.).
- Fully automated operations.
- Filing of data with a USB key



Appropriate membranes for both cross-flow filters

Bucher Vaslin original solutions

- **Modularity:** an open-ended design for rapid adaptation to your process developments at limited cost.
- **Improved productivity:** on-line processing of retentates enables the control of plugging on the main unit and significant reduction of wine losses at the end of the batch (from 0.1% to 0.05% depending on the size of batches).
- **Optimised organization:** with Tandem, the filtered wine batches are respected and organization of the wine cellar is enhanced.
- **Tracking:** Filing of the unit's logs on the USB key (filtration, cleaning operations, faults) to provide total tracking of the installation.

Options

- Tank management with 3 input valves and 3 output valves (Flavy FX8/2 and 10/3)
- In-line UF bentonite injection
- Injection of oenological products on input and/or output
- Conductivity probe

Specific features:

- Special organic membranes of the latest generation with high flow rates.
- Optimum filtration quality (turbidity < 1 NTU, absence of oxidation, respect of organoleptic quality).
- A reduction of dead volumes (limited wine losses, limited consumption of water and cleaning agents).

Equipment integrated in Tandem

- Vat management with 3 input valves and 3 output valves enabling the automatic chaining of filtration sequences (Flavy FX 100/2, 200/3 et 300/6).
- Washing products distributor.
- Turbidimeter.
- Wine pre-filter.
- Remote maintenance modem (via a RTC (wire telephone network) or GSM line, not provided on Flavy FX 100/2, 200/3 and 300/6).
- Utilisation of 2 small tanks: small wine tank and small washing tank for complete separation of water and wine.

Model Flavy	Flavy FX8/FX2 LWL Tandem	Flavy FX10/FX3 LWL Tandem	Flavy FX100/FX2 LWL Tandem	Flavy FX200/FX3 LWL Tandem	Flavy FX300/FX6 LWL Tandem
Number of wine modules	8	10	10	20	30
Number of retentate modules	2	3	2	3	6
Filtration surface area	96m ² + 12m ²	120m ² + 18m ²	120m ² + 12m ²	240m ² + 18m ²	360m ² + 36m ²

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