



FILTR'ACTIV D SERIES

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The PERA PELLENC GENOPROCESS range is being expanded with innovative filtration solutions. FILTR'ACTIV D uses cross-flow filtration technology with rotating discs, which makes it the most efficient filter on the market.

This technology makes it possible to treat highly charged products (bourbes with additives, lees, retentates and tank bottoms) in order to optimise the yields and volumes of products recovered.

FILTR'ACTIV D offers the best alternative to conventional rotary vacuum filtration technologies and other technologies using diatomaceous earth (Kieselghurs, perlite, etc.) for liquids with a high suspended solids content.



FILTR'ACTIV D28



FILTRATION ADAPTED TO LOADED PRODUCTS

- Filtration of solids (bourbes), lees, retentate and tank bottoms
- Can be used with Carbon, Bentonite, PVPP and others
- Limitation of temperature rise
- Optimised filtration efficiency, up to 92%* volume recovery

**Depending on the grape variety, product filterability and temperature*



FILTR'ACTIV D14 trailer



DYNAMIC AND ECONOMICAL FILTRATION

- Innovative, unique filtration
- Ceramic membrane



INTUITIVE INTERFACE

- Touchscreen interface
- Choice of product-specific settings by an operator
- Automatic filtration
- Automatic programs start-up



Rotary shafts for ceramic discs



CONTROLLED AND SELF-PROGRAMMED MAINTENANCE

- Long-life ceramics
- Automatic washing
- Reduced water and energy consumption



Feed to the tank (agitated tank required) by pump (product inlet).



Disc rotation motor



Our FILTR'ACTIV D filter is a dynamic cross-flow filter with a high performance ceramic disc. The membranes rotate slowly in the dome containing the product to be filtered.

The membranes made of ceramic discs are unique on the market. This feature ensures an extreme longevity of the membranes.

FILTR'ACTIV D is used for the filtration of loaded products (bourbes, lees, retentates and tank bottoms).



Rotary shafts for ceramic discs



PROGRAMMING

Everything is accessible from the touchscreen interface on the machine, the operation of the machine is customisable to your needs.

3 programming modes are accessible through the interface:

- **Production** (choice of volumes, valves and products by the operator)
- **Cleaning** (automatic start)
- **Storage** (machine in automatic storage mode)
- **Emptying** (transfer from mixing tank to lees tank)



TECHNICAL FEATURES

	FILTR'ACTIV D7-D28		
	D7	D14	D28
Membrane surface (m ²)	7	14	28
Volume of product to be processed (hl / day)*	50	100	200
Machine dimensions L x l x h (mm)	3,150 x 650 x 2,000	3,150 x 900 x 2,100	3,150 x 1,000 x 2,100
Empty weight (kg)	800	1,200	1,900
Materials	Stainless steel		
Working temperature conditions	0 - 50°C		
Rated power	4.9 kW, standard 380 V, 3 phases, 50 Hz, 60 Hz	8.9 kW, standard 380 V, 3 phases, 50 Hz, 60 Hz	15 kW, standard 380 V, 3 phases, 50 Hz, 60 Hz
Electrical power supply	3P + T 400 V 16 or 32 A 480 V / 60 Hz power supply possible for USA and Canada		

* Depending on the filterability of the product, the temperature, etc.