PARSEC

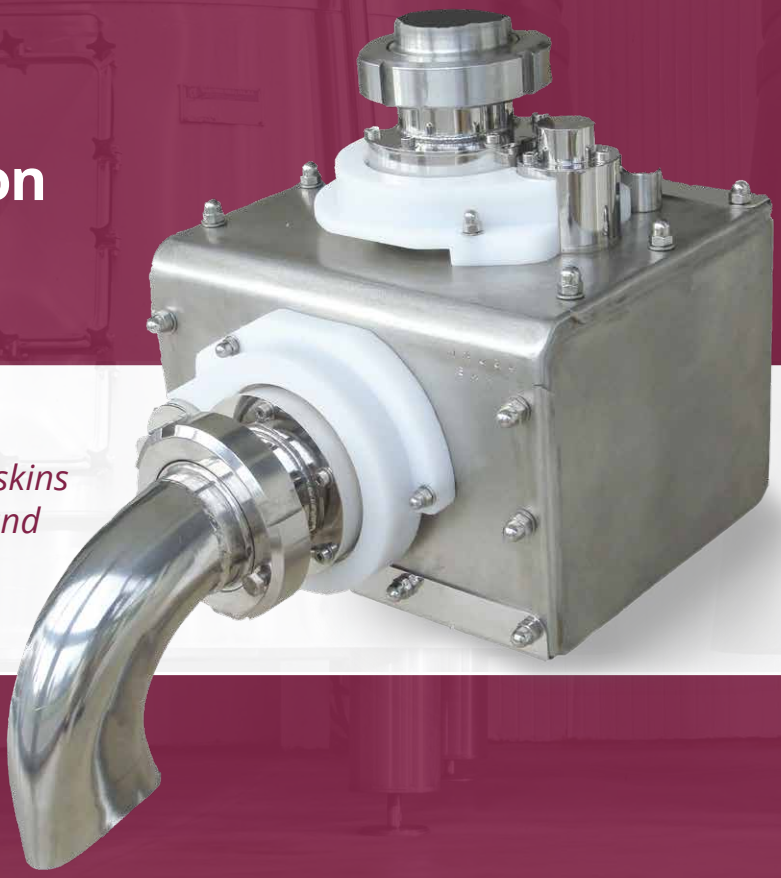
LEADER IN ENOLOGICAL AUTOMATION

SMART PUMP OVER

SAEn 6010xy

PUMP OVER | DÉLESTAGE | VAT CLEANING

Selective extraction of the best cap components.



Perfect and uniform grape skins soaking, no mather the shape and size of fermentors.

WATCH THE VIDEO

WWW.PARSECSRL.NET

THE GREAT INNOVATIONS THAT MAKES THE DIFFERENCE

*The extraction becames **selective** thanks to **Parsec***

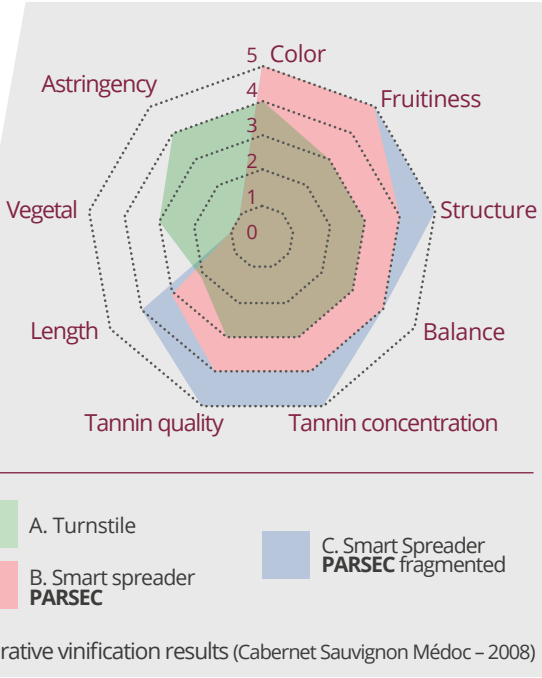
The **SAEn6010 XY** device is designed to achieve a **perfectly homogeneous and deep soaking** of the grape cap on any tank in order to extract all quality components.

The graph opposite shows the results of tasting wines made with a simple pump over device or with the **SAEn6010XY**, releasing 1 volume every 24 hours split into 2 points of time (A-B) or into 5 points (C), where

A. Widespread irrigation of the tourniquet favours the formation of preferential channels responsible for hot spot and over-extraction (vegetal and astringency)

B. The deep and homogeneous soaking carried out by the **SAEn6010XY** eliminates vegetal perception and construct richer, more elegant wine.

C. Short, fragmented cycles further enhance the volume and tannic finesse of the wines.



Comparative vinification results (Cabernet Sauvignon Médoc – 2008)

Micro-processor robot with 2 independent motors

DEEP WATERING

Wetting technology designed to achieve deep moistening of the cap

HOMOGENEOUS SPRAYING

Parabolic speed of the spray nozzle according to its angle

HOMOGENEOUS SPRAYING

Dynamic modulation of the pump flow rate according to the nozzle angle.

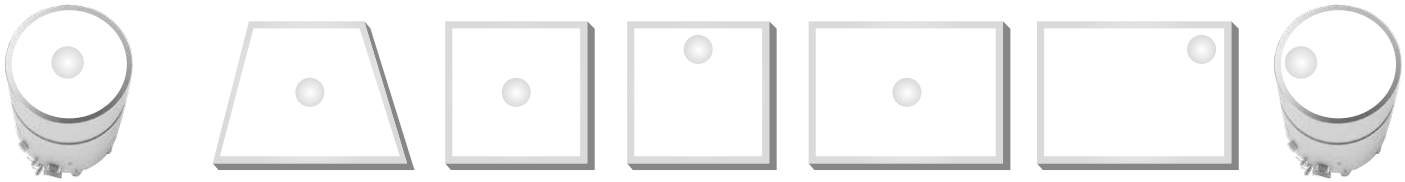
SPLIT PUMP-OVER

Management of the duration and frequency of pump-overs is programmable.

DÉLESTAGE FUNCTION

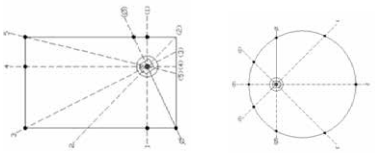
Gradual opening of the corners as the cap rises during délastage.

Fits any tank shape and manway position

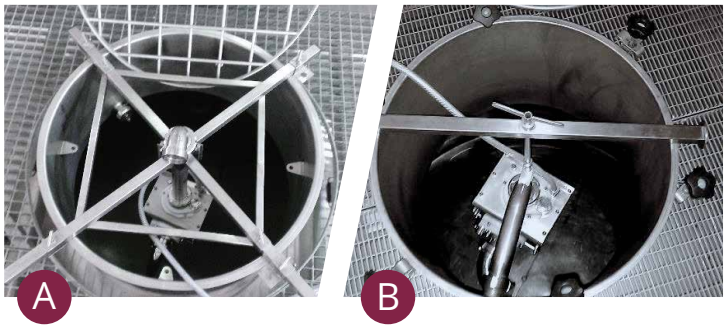


Programme for centred manway covers

- *Up to 6 customisable programmes by setting the nozzle angle values for certain characteristic positions*



- *Automatic correction of all programme angles according to tank filling level.*
  From ***-50%*** *to* ***+120%***



Installation on the tanks:

A. By means of a cross bracket attached to the manway cover
B. By means of a curve attached directly to the pump-over column

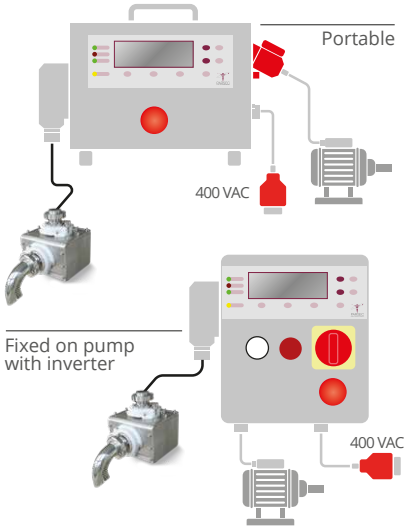
Cleaning tanks

Jet for perfect cleaning, save your time !

Available configurations

Pump modulation (in the presence of an inverter)

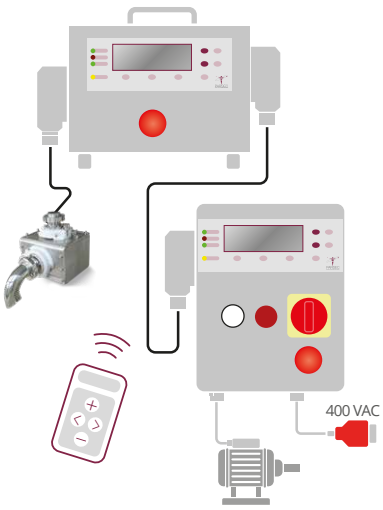
1 *Single control*



Sprayer control unit and pump consent

_ *380V three-phase 16A power supply*
_ *Thermal magnetic circuit breaker motor protection*
_ *Pump power supply via 16A three-phase socket*
_ *Low-voltage sprayer power supply (24V)*

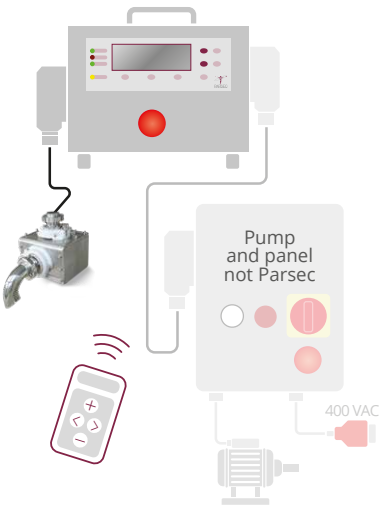
2 *Double* ***PARSEC*** *control*



Flexibility and convenience of the Parsec intelligent pump panel

- *Pump overheating protection (optional)*
- *No-load protection (optional)*
- *Pressure switch management*
- *Compatible flowmeter (optional)*
- *Automatic oxygenation (optional)*

3 *Double control with existing pump panel*



Integrations to be carried out with commercial pump

- *Transformer 24V*
- *AUTO | MAN switch*
- *Programming the inverter*
- *Installing the connector*

Already compatible with PMH, Francesca, Cazaux and Bucher pumps.

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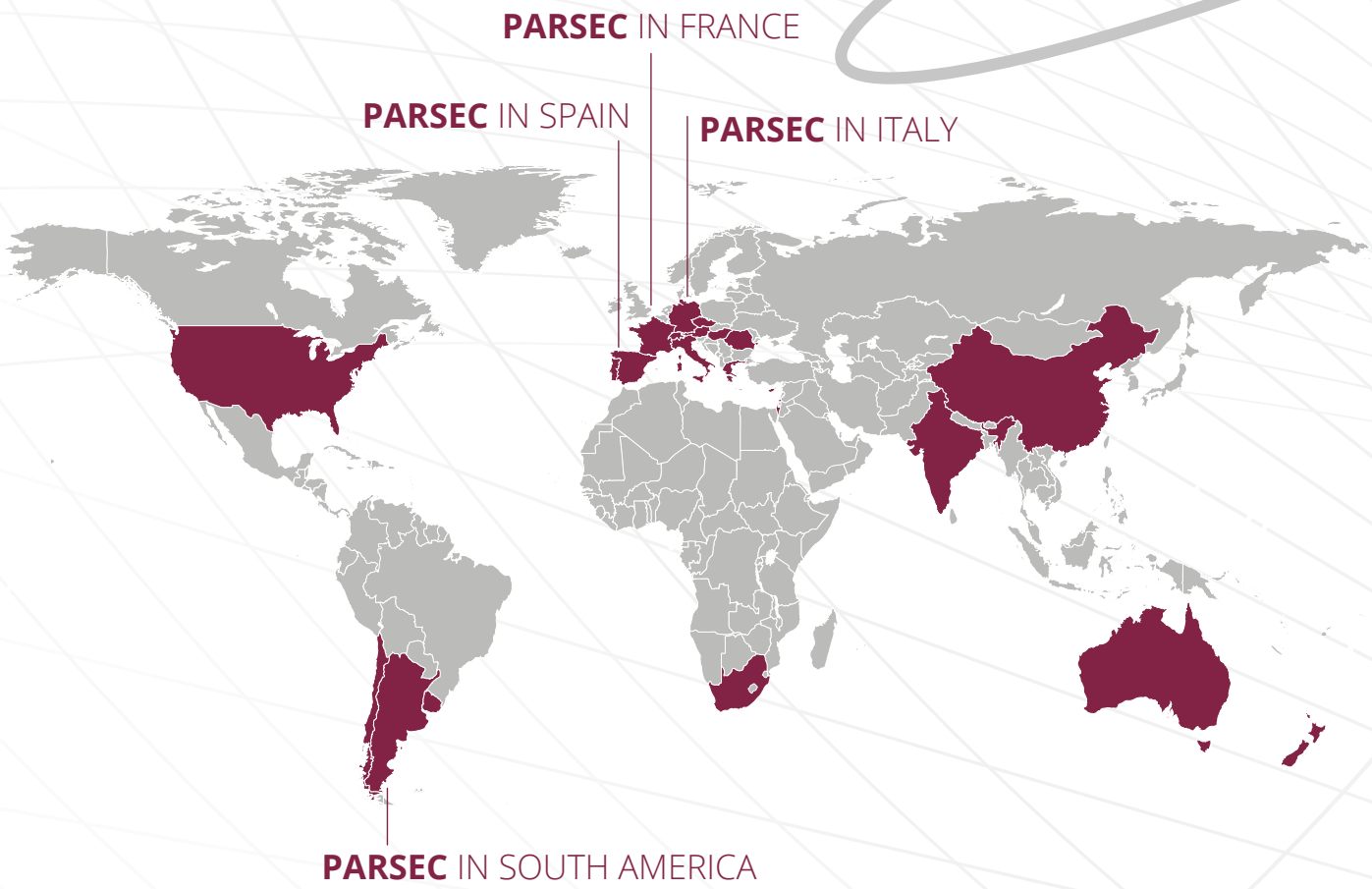

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