

CTRL-TANK

EQUIPMENT FOR THE AUTOMATED AND SCHEDULED
MANAGEMENT OF ADJUVANTS ADDITIONS AND
OXYGENATION FOR TANKS OF ANY SIZE



CTRL-TANK 18U 4P O₂

ADVANTAGES

PRECISION IN DOSING
ANY PRODUCT,
IF DISSOLVED

OXYGEN DOSING DURING
AND AFTER FERMENTATION
(MACRO/MICRO)

REDUCTION IN
FERMENTATION
TIME

TIMED
DOSING OF
ADJUVANTS

ADJUSTABLE INJECTION
SPEED TO PREVENT
FOAM FORMATION
AND OVERFLOW

TRACEABILITY
AND REMOTE
MANAGEMENT/MONITORING

During the harvest, a priority for wineries is to precisely manage the timing and methods of necessary interventions to complete the alcoholic fermentation (AF) and achieve the desired technical and qualitative results.

CTRL-TANK customizes and manages the addition of **nutrients, oxygen and coadjuvants** at each stage in a **simple, precise and efficient** way.

CTRL-TANK can dose **up to four different products into 6, 12, or 18 tanks** in manual or automatic mode, with programmable dosing schedules.

Moreover, this equipment **can dose oxygen**:

- **during fermentation** (simultaneously with adjuvants)
- **after fermentation** (micro-oxygenation)



CTRL-TANK 6U 4P O₂



CTRL-TANK 5U 3P

 BENEFITS OF CTRL-TANK RANGE

- Programmable and precise dosing of all types of coadjuvants (nutrients, clarifiers, charcoal, etc.)
- Thanks to the equipment's design, there's no need for liquid/filtered products as long as they are well dissolved
- Usable year-round according to the winery's needs (clarification, micro-oxygenation, etc.)
- Precise and programmable oxygen dosing during and after alcoholic fermentation (macro/micro-oxygenation)
- Separate oxygen dosing circuit, integrated with the coadjuvants dosing circuit
- Each pump is equipped with a safety pre-filter and flow meter
- Ideal for RCM (Rectified Concentrated Must)
- Ability to save and repeat customized dosing protocols
- Dosing precision thanks to product flow measurement
- Adjustable injection speed to prevent foam formation and overflow
- Option to set post-dosing circuit cleaning for adjuvants
- Simple and fast equipment cleaning
- Modular and scalable system to meet the winery's specific needs
- Remote traceability, management and monitoring
- No technician required for system installation

O₂ + NUTRIENT =

10% reduction in fermentation time =

ENERGY SAVINGS

HANDLING POWDERED PRODUCTS INSTEAD OF LIQUIDS =

Reduced weight and packaging =

LOWER CO₂ EMISSIONS

OPERATION

Connect the **PRODUCT FEEDS** to mixing tubs* containing the diluted products.

- Compressed air
- Mains water
- Electrical power
- Oxygen (if used)

Connect **CTRL-TANK** to the tanks where the additions are to be made.
The program is simple and intuitive, just follow these steps:

- 1** Set the number of tanks and the hectoliters of must in each tank
- 2** Select the product/pump to activate
- 3** Set the g/hL for the product(s) and dilution, or select a previously saved dosing protocol
- 4** Set the date and time to start the treatment.

** Mixing tubs can be connected and managed via CTRL-TANK.*



RANGE

THE RANGE CONSISTS OF FOUR MODELS:

- Up to 4P (products) × 6U tanks + O₂
- Up to 4P (products) × 12U tanks + O₂
- Up to 4P (products) × 18U tanks + O₂
- CTRL-TANK (without O₂) up to 3 products for 5 tanks

COMPONENTS

CTRL-TANK IS EQUIPPED WITH:



N. 1 PRE-FILTER FOR EACH PUMP/PRODUCT



N. 1 FLOW METER FOR EACH PUMP/PRODUCT

N. 1 SAFETY PRESSURE SWITCH

N. 1 COMPRESSED AIR INLET
for equipment operation

**N. 1 SAFETY/OPERATIONAL LIGHT
AND SOUND SIGNAL**

N. 1 ELECTRICAL PANEL with a large
touchscreen for easy dosing setup



N. 1 O₂ FILTER

COMPONENTS



N. 14 PNEUMATIC VALVES each with an actuator and proximity sensor



N.1 INJECTION ROD AND N.1 REMOVABLE ROD for each managed tank, including an oxygen diffuser



UTILITY CONNECTIONS of the CTRL-TANK range.

OPTIONAL



DISSOLVER SKID

TECHNICAL FEATURES:

- Customizable dimensions
- Can also be used as standalone units
- Bag support grid
- Automatic cleaning spray ball, activated from the touch screen
- Flange-mounted agitator controlled by an inverter
- Minimum level alarm indicating low product
- Agitator function
- Dissolver function

RECOMMENDED PRODUCTS

FERMENTATION ACTIVATORS AND NUTRIENTS



CLARIFIERS



TANNINS, STABILIZERS AND COADJUVANTS

