



# EE CDS01

COLLOID DOSING SYSTEM ON THE BOTTLING LINE

## Principles

The EE CDS01 dosing device is specifically designed to achieve maximum precision and control of the dosing of colloidal stabilizing agents.

The system manages the addition of colloids directly into the wine stream ensuring perfect homogenization. Both the amount of wine and the amount of stabilizing agents are finely adjusted and recorded to ensure maximum safety.





## Key features

- Design complies with the hygienic requirements of the food industry.
- Ensures high microbiological safety during dosing due to automatic cleaning and elements that prevent contamination.
- Maximum dosing safety and accuracy due to its real-time control and self-adjustment.
- Easy to use thanks to its intuitive interface.
- Dual control system with the bottling unit.
- Prevention of human error.
- Storage of large amounts of data that can be easily exported.
- Remote connection via modem and/or SIM card.

## Technical characteristics

- Structure built entirely of AISI-304 steel.
- Specific pump for additives.
- Suction lance made of stainless steel.
- Flow meter along the additive addition line.

## Optimal operating range

- Product dose: 2-50 l/h
- Wine flow rate: 2.000-20.000 l/h
- Maximum pressure in the wine line: 4 bar

## Dimensions and weight:

The dimensions of the different models are:

	CDS01.02	CDS01.03
<b>Width (mm)</b>	690	690
<b>Length (mm)</b>	750	910
<b>Height (mm)</b>	1.800	1.800
<b>Weight (kg)</b>	115	140

## Power and power consumption:

- Total power: 280 W
- Total consumption: 1 A





**Electrical connection:**

- Voltage: 230 V Monophasic + TT
- Frequency: 50 Hz.

**Dosing unit connection:**

Collector inlet and outlet with DIN50 fittings

**Compressed air connection:**

- Compressed air pressure: 6 bar dried.
- Compressed air pipe diameter: 8 mm.





## General diagram of measurements and connections

MODELLO CDS 01.02

MODELLO CDS 01.03

1. WINE INLET MALE THREADED DIN-11850 DN-50
2. WINE OUTLET THREADED MALE DIN-11850 DN-50
3. DISCHARGE PIPE DIN 11850 DN-10
4. ADDITIVE INLET SUCTION FITTINGS
5. DIN  $\frac{3}{4}$ " MALE THREADED WATER CONNECTION
6. 230V ELECTRICAL CONNECTION
7. COMPRESSED AIR CONNECTION  $\varnothing 8\text{mm}$

