

Cooling Technology

WMA ("Wine Maker's Assistant") software

You can make a professional and centrally controllable system out of your individual tank controllers with this innovative software. It integrates all type FOX, CLIP and CUBE controllers. You can archive your data from the fermentation process with the database-supported solution, allowing you to comprehend later how your wines were created. A range of extremely useful additional functions facilitate working with the program considerably, e.g. the cellar ground plan, simple system configuration, group actions and much more.

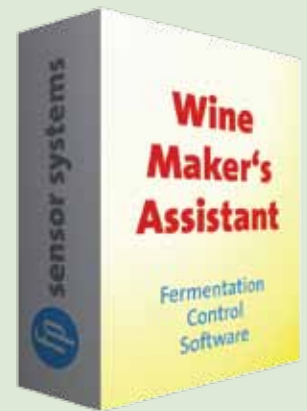
WMA features

- ▶ Display functions: Current temperature values and target values, status of outputs, alarm and error outputs
- ▶ Operating functions: Configuration of target values (incl. in groups), parameters
- ▶ Visualisation: Graphic display of temperature values over time, graphic depiction of the fermentation graph and additional measurement values over time, freely editable cellar views, individual tank display with control front
- ▶ Documentation/Archiving/Analysis: Input of wine batch information (e.g. location, grape, intended quality)
- ▶ Input of process data (e.g. yeast type, yeast addition...)
- ▶ Distribution of a wine among several tanks
- ▶ Input of notes during the process (with time stamp)
- ▶ Finalisation, recording, loading and display of finished batches

Configuration: Input of tank names with assignment of controller addresses, alarm procedures
Measuring frequency adapts automatically to the measurement dynamics, saving memory space.

Safety functions: Protection of program against unauthorised changes - direct blocking of changes possible on controller.

| Designation | Details | Order no. | Unit price/€ |
|---|--|-----------|--------------|
| BUS converter SET | Interface converter RS485/USB with cable | 500.0014 | |
| LAN converter SET - IP00 | Interface converter RS485/LAN | 500.0101 | |
| LAN converter SET - IP54 | LAN converter SET, resistant to water spray | 500.0102 | |
| Wine Maker's Assistant 5.0 Full Version | Full version for up to 16 tanks | 500.0019 | |
| Wine Maker's Assistant 5.0 Add-On4 | Additional module for a further 4 tanks in each case | 500.0020 | |



CO2 Fermentation Gas Transmitter FG-2

Control of uniform sugar breakdown during the fermentation of grape must into wine contributes significantly to the formation of good flavours and the avoidance of sluggish fermentation. The new FG-2 unit measures the CO2 discharged by fermentation gas, both safely and reliably. It provides the fermentation management system with a high-quality measuring signal. Tank capacities of 1,000 to 20,000 litres can be achieved with the same unit, due to a high level of measurement dynamics. The associated database-supported WMA 5.0 (Wine Maker's Assistant) software allows you to divide the fermentation process into sections, designing and documenting it in a very individual manner to reflect oenological considerations.

FG-2 features

- ▶ Integrated mass flow sensor with greater measurement dynamics and accuracy
- ▶ Suitable for vessel capacities of 1,000 to 20,000 litres
- ▶ Used in same manner as common fermentation tube with water filling and gurgling
- ▶ Signalling of flow rate and error status via LEDs
- ▶ Fermentation tube and sensor element can be washed with water and cleaning solution
- ▶ Maintenance-free and long-term stability

| Designation | Details | Order no. | Unit price/€ |
|-------------|---|-----------|--------------|
| FG-2 | CO2 fermentation gas transmitter; shaft diameter 25mm | 206.3013 | |
| STO-FG2-0 | FG-2 fermentation plug; do;du;h = 60;50;45mm | 350.0025 | |
| BIF FG-2-1 | Bus interface integration in terminal box KD-7-STD-1A | 206.3032 | |

Other accessories available on request

