



winegrid

Smart Oenology

e-aphrom

SENSOR FOR REMOTE AND REAL-TIME MONITORING OF SECOND FERMENTATION
IN BOTTLE WITH PROPRIETARY TECHNOLOGY

PRESSURE, TEMPERATURE AND USER HANDLINGS

Wireless connectivity

Plug & Play

Optimized for bottles

Winegrid platform compatibility



TECHNICAL SPECIFICATIONS

ENCLOSURE MATERIAL	Food grade polypropylene
PROBE MATERIAL	Aluminum structure with natural rubber seal (food grade)
DIMENSIONS	Enclosure 57 x 100 mm/ Metallic support 43 mm
WEIGHT	0.6 kg
COMMUNICATION	Wi-Fi version: distance up to 50 m LoRa version: distance up to 2000 m
PRECISION TECHNOLOGY	OenoSensing®
WIRELESS CONECTIVITY	Wi-Fi: IEEE 802.11 b/g/n 2.4 GHz LoRa P2P: EU - 868.1 MHz US/AU - 925.3 MHz
POWER SUPPLY	3 x 1.5 V AA size alkaline batteries
PRESSURE	
OPERATION RANGE	[0 ; 10] bar
RESOLUTION	0.01 bar
ACCURACY	± 0.05 bar
LIQUID TEMPERATURE	
OPERATION RANGE	[- 10 ; 50] °C
RESOLUTION	0.1 °C
ACCURACY	± 0.5 °C
DETECTION OF HANDLINGS EVENTS	
BOTTLENECK COMPATIBILITY	Ø 29 mm

NOTE: Avoid direct contact of the electronic box with liquids