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 2.24 x 3.93 inches Metalic support 1.69 inches
WEIGHT	1.3 lbs
COMMUNICATION	Wi-Fi version: distance up to 164 feet LoRa version: distance up to 1.24 miles
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 alcaline batteries
PRESSURE	
OPERATION RANGE	[0 ; 145] Psi
RESOLUTION	0.14 Psi
ACCURACY	± 0.72 Psi
LIQUID TEMPERATURE	
OPERATION RANGE	[14 ; 185] °F
RESOLUTION	0.18 °F
ACCURACY	± 0.90 °F
DETECTION OF HANDLINGS EVENTS	
BOTTLENECK COMPATIBILITY	Ø 1.14 inches

NOTE: Avoid direct contact of the electronic box with liquids

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