



winegrid

Smart Oenology

## e-bung

SENSOR FOR REMOTE AND REAL-TIME MONITORING OF WINE MATURATION  
WITH PROPRIETARY TECHNOLOGY

### DISTANCE TO LIQUID, TEMPERATURE AND USER HANDLINGS

Wireless connectivity

Plug & Play

Optimized for barrels

WINEGRID platform compatibility



### TECHNICAL SPECIFICATIONS

ENCLOSURE MATERIAL	Food grade polypropylene
BUNG MATERIAL	Food grade silicon
PROBE MATERIAL	Stainless steel 316L
DIMENSIONS	Enclosure 2.24 x 3.93 inches / Probe 5.51 inches Compatible with barrel hole Ø 1.77 to 2.04 inches
WEIGHT	1.1 lbs
COMMUNICATION	LoRa version: distance up to 656 feet Wi-Fi version: distance up to 164 feet
WIRELESS CONECTIVITY	Wi-Fi: IEEE 802.11 b/g/n 2.4 GHz LoRa P2P: 868.1 MHz (Europe); 925.3 MHz (Asia, America, Africa and Oceania)
POWER SUPPLY	3 x 1.5 V AA-size alkaline batteries
DISTANCE TO LIQUID	
OPERATION RANGE	[0 ; 3.93] inches
RESOLUTION	0.039 inches
ACCURACY	± 0.078 inches
LIQUID TEMPERATURE	
OPERATION RANGE	[14 ; 185] °F
RESOLUTION	0.18 °F
ACCURACY	± 0.90 °F
DETECTION OF HANDLINGS EVENTS	

NOTE: avoid direct contact of the enclosure with liquids