



winegrid

Smart Oenology

wineplus WP1110

TRI CLAMP

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

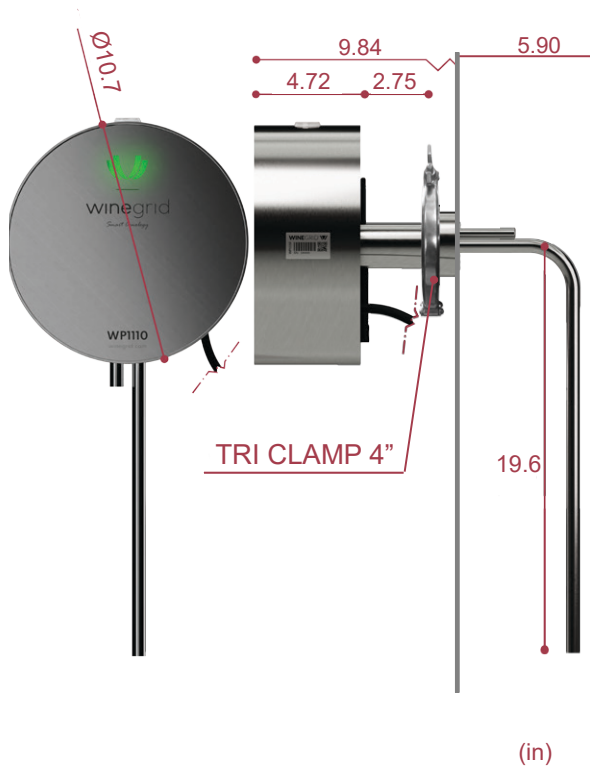
DENSITY, TEMPERATURE AND LIQUID LEVEL

- Wireless connectivity
- Plug & Play
- Optimized for tanks
- Winegrid platform compatibility
- Monitor of fermentation kinetics events (start, stuck and end)



TECHNICAL SPECIFICATIONS

ENCLOSURE MATERIAL	Stainless steel 304
ENCLOSURE PROTECTION	IP65
PROBE MATERIAL	Stainless steel 316L
DIMENSIONS	Enclosure Ø10,7 x 4.72 inches Probe 19.6 inches
WEIGHT	15.4 lbs
COMMUNICATION	With smartbox - LoRa (distance up to 1.24 miles) (LoRa - measurements every 30 minutes)
PRECISION TECHNOLOGY	OenoSensing®
WIRELESS CONNECTIVITY	Wi-Fi: IEEE 802.11 b/g/n 2.4 GHz (for firmware updates only)
	LoRa WAN /P2P - Frequencies according to regional parameters: EU (863-870) US (902-928) AU (915-928) MHz
POWER SUPPLY	TYPE 24 V Industrial power plug (purple)
	CABLE LENGTH ≈ 6.56 feet
	VOLTAGE 24 V AC/DC
LIQUID DENSITY	CURRENT 1 A
	OPERATION RANGE [-28 ; 44] °Brix
	RESOLUTION 0.26 °Brix
LIQUID TEMPERATURE	ACCURACY ± 0.52 °Brix
	OPERATION RANGE [14 ; 185] °F
	RESOLUTION 0.18 °F
LIQUID LEVEL	ACCURACY ± 0.90 °F
	OPERATION RANGE Between the sensor and the liquid top: Standard version: 32.80 feet 10m version: 19.68 feet
	RESOLUTION 0.197 inches
TOTAL OPERATING PRESSURE*	ACCURACY ± 2%
	Standard version: [0 ; 8.7] Psi 10m version: [0 ; 14.5] Psi



*In pressurized tanks, includes the hydrostatic pressure of the liquid plus the pressure inside the tank.