



**WINE**GRID<sup>®</sup>   
POWERED BY **WG**

MONITORIZAÇÃO  
DA **VINIFICAÇÃO**  
EM TEMPO REAL

A black and white photograph showing a person's hand holding a glass under a spout of a wooden barrel. The barrel has a circular opening with a spout. The person is holding the glass to catch the liquid being poured. In the upper right corner, there is a red circle containing the text "Processo moroso".

Processo  
moroso

Método tradicional: AMOSTRAGEM

Reação tardia

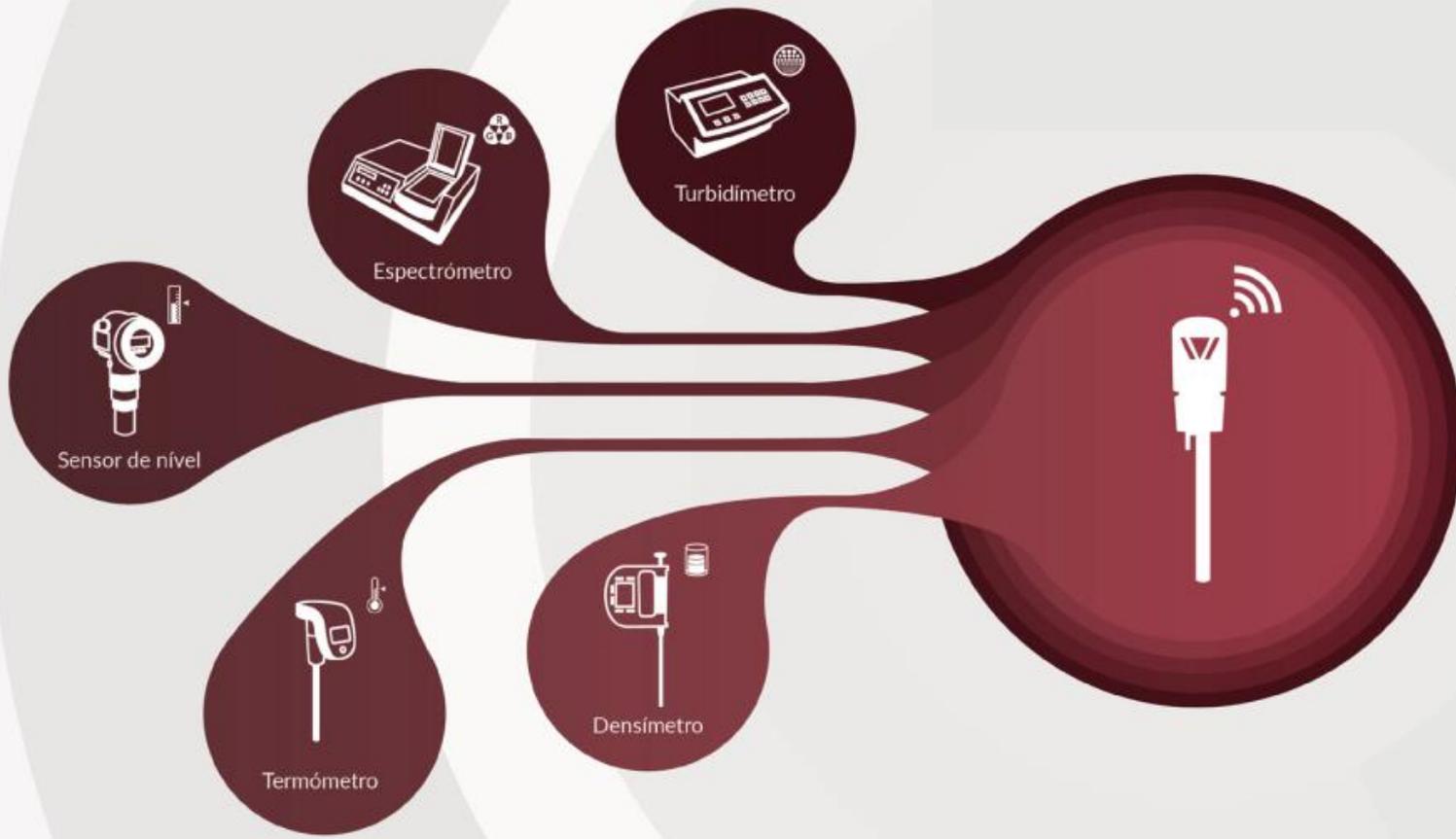
Perda de  
proveitos



Método inovador

TER UM  
'**OLHO**'  
DENTRO DO  
VINHO/MOSTO E  
EM **TEMPO**  
**REAL**

**WINE** GRID<sup>®</sup>   
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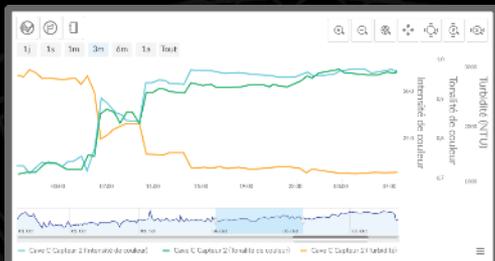
-  Controlo multiponto
-  Monitorização em tempo real
-  Sem fios
-  Multi paramêtmetro



Medição como serviço

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MONITORIZAÇÃO REMOTA E EM TEMPO REAL



**WINEGRID**

Ensemble

Comparar

Notes

Tâches

Alarme

Analyse

ENSEMBLE

- Cave A
- Cave B
- Cave C
- Captur 1
- Captur 2
- Captur 3
- Captur 4

UNITÉ SURVEILLÉE

ON

Satelo monitor, Roter taberno, Desactivar, Reiniciar, Definir sur 0

15.2 °C temperatura

15.0 °C Temp. manual

1j 1s 3m 6m 1a Tout

— Cave C Capteur 2 (Niveau de liquide) — Cave C Capteur 2 (Flaps) — Cave C Sensor 2 (Temperature)

Regler l'intervalle de temps entre les mesures

Gainage actuel:

Nouvelle gamme

1: 1h 75, 207 / 1200 00.00h

2: 1h 75, 207 / 1200 00.00h

3: 1h 30, 207 / 1200 00.00h

4: 1h 15, 207 / 1200 00.00h

5: 1h 3, 207 / 1200 00.00h

Ok

Entrée manuelle

Captur

Choisir manuelle

Choisir manuelle capteur

Date et heure

27/01/2017 12:37

Accéder

Valeur g/cm<sup>3</sup>

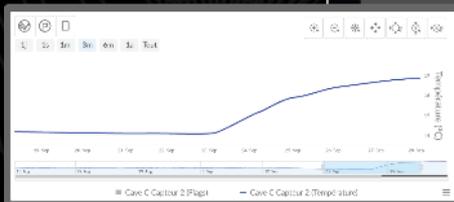
12

Observation

Comme manuelle de contrôle pour mesurer la valeur de

Temp. d'égout

Annuler Ok





**PROTEGER O POTENCIAL  
DE QUALIDADE**

**DIMINUIÇÃO DE  
DESPERDÍCIO**

**MELHORIA NO PROCESSO  
DE CONTROLO**

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Overview



Compare



Parameters



Raw Data



Liquid Level



Sensors



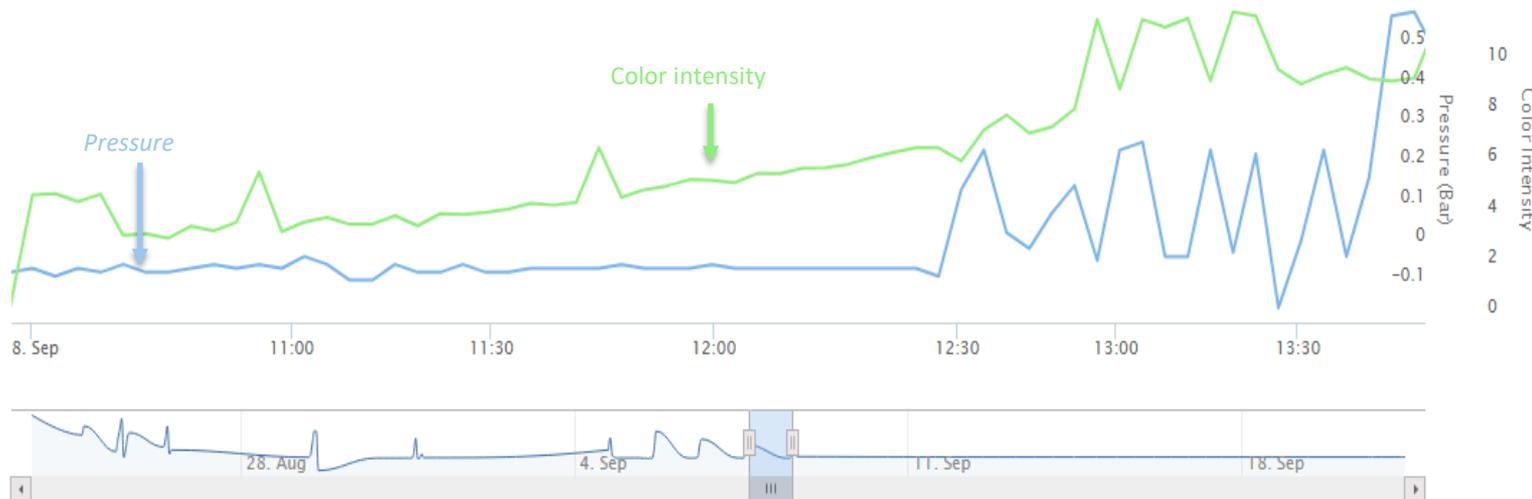
Notes



Administration



1D 1W 1M 3M 6M 1Y All

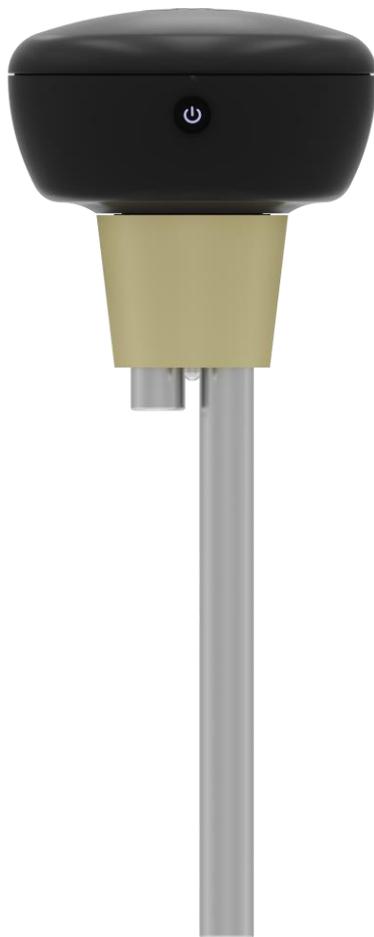


— Demo Sensor (Pressure)    ■ Demo Sensor (Flags)    — Demo Sensor (Color Intensity)



# SMART BUNG SB

Nível  
Temperatura



## Material

## TECHNICAL SPECIFICATIONS

Casting resin enclosure  
Food grade silicone  
Probe in stainless steel 316

## Dimensions

Electronics enclosure 80 x Ø 102 mm  
Compatible with barrel hole Ø > 45 mm

## Parameters

Liquid Level  
Operating range [0 ; 150] mm  
Resolution 1 mm  
Accuracy ± 1 mm

Temperature inside the barrel  
Operating range [- 10 ; 85] °C  
Resolution 0,1 °C  
Accuracy ± 0,5 °C

## Communication

Up to 50 m with SBoxl

## Power supply

2 x AA-size alkaline batteries  
Voltage 1.5V DC

# WINE PLUS WP1000

Densidade  
Temperatura



## TECHNICAL SPECIFICATIONS

<b>Material</b>	Polycarbonate enclosure Probe in stainless steel 316	
<b>Dimensions</b>	Electronics enclosure	110 x 160 x 235 mm
<b>Parameters</b>	Density	
	Operating range	[900 ; 1200] kg/m <sup>3</sup>
	Resolution	1 kg/m <sup>3</sup>
	Accuracy	± 2 kg/m <sup>3</sup>
	Temperature of the liquid	
	Operating range	[-10 ; 85]°C
	Resolution	0,1°C
	Accuracy	± 0,5°C
<b>Communication</b>	Up to 2000 m with SBOX	
<b>Power supply</b>	Electrical outlet	
	Voltage	24 V DC
	Amperage	1 A

# WINE PLUS WP1100

Densidade  
Temperatura



## TECHNICAL SPECIFICATIONS

<b>Material</b>	Polycarbonate enclosure Probe in stainless steel 316	
<b>Dimensions</b>	Electronics enclosure	110 x 190 x 235 mm
<b>Parameters</b>	Density	
	Operating range	[900 ; 1200] kg/m <sup>3</sup>
	Resolution	1 kg/m <sup>3</sup>
	Accuracy	±2 kg/m <sup>3</sup>
	Temperature of the liquid	
	Operating range	[- 10 ; 85] °C
	Resolution	0,1 °C
	Accuracy	± 0,5 °C
<b>Communication</b>	Up to 2000 m with SBOX	
<b>Power supply</b>	Electrical outlet	
	Voltage	24 V DC
	Amperage	1 A

# WINE PLUS WP 2200

Cor  
Turvação



## TECHNICAL SPECIFICATIONS

### Material

Polycarbonate enclosure  
Probe in stainless steel 316

### Dimensions

Electronics enclosure 110 x 190 x 240 mm  
Barb fitting 7 mm x 1/8"

### Parameters

Turbidity  
Operating range [100 ; 15000] NTU  
Resolution 1 NTU  
Accuracy 5 %

Absorbance	Range	Resolution	Accuracy
420 nm	[0 ; 6] AU	0,1 AU	± 0,2 AU
520 nm	[0 ; 8] AU	0,1 AU	± 0,2 AU
620 nm	[0 ; 20] AU	0,1 AU	± 0,1 AU

Color intensity  
Operating range [0 ; 3] AU  
Accuracy ± 0,3 AU

Color hue  
Operation range [0 ; 45] AU  
Accuracy ± 0,05 AU

Temperature of the liquid  
Operating range [-10 ; 85] °C  
Resolution ± 0,1 °C  
Accuracy ± 0,5 °C

### Communications

Up to 2000 m with SBox

### Power supply

Electrical outlet  
Voltage 24 V DC  
Amperage 1A

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2014 PRÉMIOS  
SAPO



PORTUGAL  
2020

