



**TECSENSE**  
*unique solutions in sensor technology*



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# ABOUT TECSENSE

- Austrian-based specialist in precision gas analysis (O<sub>2</sub> / CO<sub>2</sub>)
- 20+ years of expertise in O<sub>2</sub> and MAP measurement for beverage testing and food safety
- Mission: Deliver accurate, portable and affordable testing solutions
- Specialist in optical sensors
- Manufactured 100% in-house
- Patents are 100% owned



# INTRODUCING TECSENSE HSA



## Benchtop Headspace analyser:

- HSO – Headspace Oxygen
- HSV – Headspace Volume
- FG – Foreign Gas Content
- Filling Volume
- CO<sub>2</sub> Concentration

Designed for simplicity, rapid measurement and flexible communication.

The only requirement is class 5.0 Nitrogen

### High accuracy

Lab-grade sensors

### Fast response

Real-time results in under 1 minute.

### Easy to integrate

Communication into any LIMS or QMS

### Semi Automatic

Reduces human error compared to conventional, manual methods.

### Ease of use

Simple operation and minimal training required



# TECHNICAL SPECIFICATIONS

Specifications	Measuring Range	Accuracy	Resolution
Foreign gases (mL/L)	0 - 8	+ - 0,05	0,01
O2 concentration (mg/L)	0 - 2,0	+ - 0,02	0,01
Headspace volume (ml)	5 - 30	+ - 0,2	0,1
Temperature (°C)	0 - 40	+ - 0,1°C	0,05
Pressure (bar)	0 - 7	+ - 1%	0,01

