



TechHSA – Headspace Analyzer

Semiautomatic determination of O₂, CO₂ and foreign gas in the headspace of bottles

- Determination of the headspace in 30 sec
- Determination of the O₂ content
- Determination of CO₂ content
- Determination of foreign gas
- Calculation of the O₂ concentration mg/L in the bottle
- Digital data connection
- Touchscreen
- Saving Data on USB or directly via TecServiceHSA
- Displays the amount of liquid in the bottle
- Easy handling
- Direct useable at the filling station
- TecServiceHSA for direct usage on WIN PC



Application

- Carbonated beverages
- Beer



TecHSA determines the volume of the headspace in closed, carbonated flasks by analyzing the pressure in it.

- Invasive methode due to puncturing the package or capsule
- Semiautomatic determination in 30 sec.
- Data output on display or on PC
- Low training effort dure to easy installation and handling
- Directy usable during filling process



Technical Specificaton

	Measuring range	accuracy	resolution
Headspace volume [ml]	5 - 30	± 0,2	0,1
O ₂ concentration [mg/L]	0 – 0,1	± 0,002	0,001
Foreign gases [mL/L]	0 - 1	± 0,002	0,001
Primary Sensors			
pressure [bar]	0 - 7	± 1%	0,01
temperature [°C]	0 - 40	± 0,1 °C	0,05
O ₂ concentration [ppm]	0 - 2000	± 2%	2