



## HEAD SPACE GAS ANALYZER

Headspace Analyzer BI 4100 is specifically designed to test for the presence of oxygen & carbon dioxide in food packaged under modified and controlled atmospheres.

The instrument is simple to use and is powered by maintenance free rechargeable batteries which can be charged by simply connecting the Analyzer to the mains supply

The analyzer uses electrochemical fuel cell for oxygen analysis and an infra-red sensor for carbon dioxide analysis

Testing is done by simply inserting the needle probe into the package for test and pressing a PUMP ON/OFF key on the front panel to start the internal sample pump. The analysis of the gas is then shown on the LCD display

Periodic calibration can be carried out using air or a calibration gas. It is robust in construction and is unaffected by vibration or operating position. It is not flow sensitive or affected by changes in atmospheric pressure.

## SPECIFICATIONS :

Sensor Technology	Electrochemical
O2 Range	0.1 to 100%
CO2 Range	0.1 to 100%
Resolution	0.1%
Repeatability	± 1% of reading
Battery life	6 Hours
Sampling pump	Internal
Data Storage	160 Set of data

### Features:-

Easy to operate and calibrate  
Maintenance Free  
Replaceable Oxygen & Carbon Dioxide Sensor

Quick Response  
Dust and liquid arrester