



F-920

Check It! Gas Analyzer

The F-920 Check It! Gas Analyzer is a handheld device that measures headspace gas rapidly and reliably. Perfect for use in Modified Atmosphere Packaging (MAP) applications, quality control managers can easily take measurements with the F-920 straight out of the box, with little to no training. The lightweight, handheld package enables the user to take measurements virtually anywhere in the supply chain from the packing house to the retail shelf. The built-in data logger stores thousands of data points and conveniently communicates data through USB or Bluetooth onto a PC or tablet for later analysis.

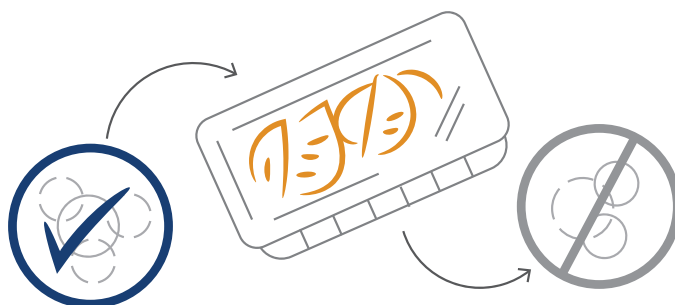
CO₂

O₂

Product Features

- ▶ Measures CO₂ and O₂ from 0-100%
- ▶ Displays results in under 6 seconds
- ▶ Previous records available for review on device
- ▶ Handheld and lightweight
- ▶ Battery lasts for 8+ hours
- ▶ Display easily viewed in dimly lit environment
- ▶ Functional across broad temperature and humidity range
- ▶ Bluetooth enabled for rapid data transfer

**Precise measurements
for optimal quality!**



F-920 Specifications

Air sampling rate	70 mL/min
Typical sampling volume	6.5 mL
Data saving	Automated, 1 second intervals
Display	Sunlight visible transreflective LCD
Operating environment	0°C - 45°C (0-90% relative humidity, non-condensing)
Dimensions	18cm x 13.5cm x 5.5cm
Weight	0.95kg
Enclosure	Powder coated aluminum
Power source	Removable rechargeable lithium-ion battery
PC interface	USB and SD card
Data recorded with each measurement	CO ₂ and O ₂ concentrations, date, time, RH, GPS location
CO₂ SENSOR	
Sensor type	Infrared sensor, pyroelectric detector
Range	0-100%
Resolution	0.01% absolute
Accuracy	±1% absolute and ±3% of measured value
Sampling time	6 seconds
Calibration	Annually
Lifetime	>5 years
O₂ SENSOR	
Sensor type	Electrochemical
Range	0-100%
Resolution	0.1% absolute
Accuracy	±0.25% absolute and ±2% of measured value
Sampling time	6 seconds
Calibration	Bi-annually
Lifetime	12 months



Applications

- ▶ Modified Atmosphere Packaging quality assurance in:
 - Packing lines
 - Laboratories
 - Import/export surveys
 - Distribution centers
 - Retail centers
- ▶ Ambient measurements
- ▶ Inspection of:
 - Storage facilities
 - Ripening rooms
 - Shipping containers



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