

F-920 * Check It! Gas Analyzer

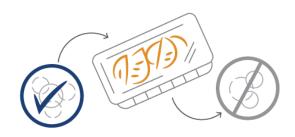




The F-920 Check It! Gas Analyzer is a device that rapidly measures CO₂ and O₂ from 0-100%. Designed for QA personnel to take precise and speedy measurements of CO₂ and O₂, the Check It! displays results in less than 6 seconds and has a sampling volume of 6.5 mL.

The Check It! CO_2 / O_2 gas analyzer features an intuitive user interface, and lightweight design, which makes it easy for quality control managers to take measurements straight out of the box, and virtually anywhere in the supply chain. A 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.

Features



- Measures CO₂ and O₂ from 0-100%
- Displays results in under 6 seconds
- · Previous records available for review on device
- Handheld and lightweight
- Internal data logging and storage (4GB SD card)
- · Battery lasts for 8+ hours
- Backlit display easily viewed in dimly lit environment
- Functional across broad temperature and humidity range
- Bluetooth enabled for rapid data transfer

Uses

- Ambient measurements and Inspection of:
- Storage facilities
- Ripening rooms
- Shipping containers

- Headspace Sampling of Modified Atmosphere Packaging for:
- Packing lines
- Laboratories
- Import/export surveys
- Distribution centers
- Retail centers



BİLMAR BİLİMSEL ARAŞTIRMA VE MÜHENDİSLİK ANONİM ŞİRKETİ



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Specifications

Sampling Flow Rate: 70mL/min
Total Sampling Time: 10 seconds

Data Saving: Automated, 1 second intervalsDisplay: Backlit visible transflective LCD

Operating Environment: 0°C - 50° C (0-90 % humidity non-condensing)

Operating Atmospheric Pressure: 500-1200mbar

Dimensions: 18 cm x 13.5 cm x 5.5 cm

Weight: 0.95 kg

Enclosure: Powder coated aluminum

Battery Life: 8.5 hours

Power Source: Removable rechargeable lithium-ion battery

PC Interface: USB and WI-FI SD card + Bluetooth

Data Recorded with Each Measurement: CO2 and O2 concentrations, date, time, RH, GPS location

Trigger Mode Measurements

CO₂ O₂

Sensor Type: IR Sensor, Pyroelectric detector Electrochemical

 Range:
 0-100%
 0-100%

 Resolution:
 0.01%
 0.10%

 Lower Detection Limit:
 0.50%
 0.30%

 Sampling Volume:
 10 ml
 10 ml

 Response Time:
 10 seconds
 10 seconds

Response Time: 10 seconds 10 seconds

Accuracy (absolute): 0.50% 0.30%

Accuracy (relative): 3% 2%

Offset Calibration: Weekly Weekly

Span Calibration: 12 months 6 months

seplaceable (by user): no yes

Sensor Replaceable (by user): no yes
Lifetime: >5 years 2 years

Continuous Mode Measurements

CO2 O2

Sensor Type: IR Sensor, Pyroelectric detector Electrochemical

 Range:
 0-100%
 0-100%

 Resolution:
 0.01%
 0.10%

 Lower Detection Limit:
 0.01%
 0.10%

 Response Time:
 10 seconds
 5 seconds

Response Time: 10 seconds 5 seconds

Accuracy (absolute): 0.01% 0.10%

Accuracy (relative): 3% 2%

Offset Calibration: Weekly Weekly

Span Calibration: 12 months 6 months

Sensor Replaceable (by user): no yes
Lifetime: 5 years 2 years



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