

Fruit and Vegetable Respirator



Introduction:

Fruit and vegetable respirator is specially used to test and research fruit and vegetables under the conditions of normal temperature, cold storage, supermarket freezers and so on. It can choose different respiratory chambers according to the size of fruit and vegetables which can speed up the balance and measuring time. It has the characteristics of multifunction, high precision, fast, efficiency and convenience.

Features:

- * High precision, accurate measurement.
- * Uniform temperature control.
- * Temperature and humidity display and directly getting concentration values.
- * Can measure constantly.

Technical Parameters:

Model	BK-FVR3051
CO ₂	Min Measuring Range
	Linearity
	Repeatability
	Response Time
	Zero Shift
	Destination Shift
O ₂	Measuring Range
	Linearity
	Repeatability
	Response Time
	Zero Shift
	Destination Shift
Temp	Measuring Range
	Resolution
	Accuracy
Humidity	Measuring Range
	Resolution
	Accuracy
Pre-Heating Time	
Power Supply	
Respiratory Chamber	
External Size	
Package Size	
Net/Gross Weight	



Introduction:

Fruit and Vegetable Respirometer measures respiratory intensity of fruits and vegetables under storage conditions (ambient, cold storage, controlled atmosphere, etc.). It offers selectable respiration chamber volumes (sizing to samples) for faster equilibration, and simultaneous display of CO₂/O₂ concentrations, temperature, and humidity. High-precision, efficient, and user-friendly, it suits food, horticulture, trade, and research institutions.

Features:

- * 3.5" TFT true-color LCD: intuitive operation, clear display.
- * 2G memory: large data storage, easy export.
- * Automated result calculation; USB data export (no extra software needed).
- * USB connectivity to PC for data/results export (Excel format), with chart/curve generation.
- * Micro gas flow meter with adjustable flow rates.

Technical Parameters:

Model	BK-FVR3080A
CO ₂	Detection Principle
	Measuring Range
	Resolution
	Linearity
	Repeatability
	Response Time
	Zero Shift
	Destination Shift
O ₂	Detection Principle
	Measuring Range
	Resolution
	Linearity
	Repeatability
	Response Time
	Zero Shift
	Destination Shift
Temp	Measuring Range
	Resolution
	Accuracy
Humidity	Measuring Range
	Resolution
	Accuracy
Pre-Heating Time	
Power Supply	
Respiratory Chamber	
External Size(W*D*H)	
Package Size(W*D*H)	
Net Weight	
Gross Weight	