

■ F-950 Comparison Chart

	Felix Instruments	Fruit Control Equipments	CEA Instruments, Inc.	ICA Instruments
Specification	F-950 Three Gas Analyzer	ES-100	SB1000	ICA 56 Ethylene Analyzer
Sensor type	Electrochemical		Infrared gas analyzer	Electrochemical
Air sampling rate	70 ml/min	90% in 60 seconds	0.2-1 L/min	0.8 L/min
Range	0-200 ppm	0-100 ppm	0-0.5% or 0-100%	0-100 ppm
Resolution	0.1 ppm	0.2 ppm	0.5%	Sensor 0.2 ppm, Display 0.1 ppm
Accuracy	±5%		±1%	
Lower detection limit	0.5 ppm (500 ppb)		100 ppb	
Display	Sunlight visible transfective LCD		Digital	Digital
Operating environment	0-45C (0-90% humidity, non-condensing)			
Battery	Removable rechargeable Li-Ion; 8+ hours or use	Alkaline 9V, over 20 hours of use	Rechargeable	A lithium battery provides constant activation of the sensor to maintain stability and a 9V battery powers to display and pump. 20+ hours of use
Weight	0.95 kg			
Dimensions	180 x 135 x 55 mm	190 x 135 x 60 mm	100 x 250 x 270 mm	190 x 135 x 60 mm

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Data collection	SD card			
Additional sensors	CO (Infrared; 0-100%) and O ² (Electrochemical; 0-100%)		optional CO ² or O ²	