

The Stellar Instruments SI630 is a professional portable indoor air quality meter designed for simultaneous measurement of carbon dioxide (CO₂), temperature, and relative humidity. It uses a dual-wavelength NDIR CO₂ sensor for improved long-term stability and reliable CO₂ monitoring. The instrument also features built-in datalogging, alarm functions, and USB connectivity for downloading measurement data to a PC.



FEATURES

- Measures CO₂, temperature and relative humidity
- Dual-wavelength NDIR (Non-Dispersive Infrared) CO₂ sensor
- CO₂ measurement range: 0 to 30,000 ppm
- Temperature range: -20°C to +60°C
- Humidity range: 0 to 100% RH
- Built-in adjustable CO₂ alarm buzzer
- Internal datalogging for up to 32,000 sets
- USB interface with PC software

TECHNICAL SPECIFICATION

CO2	0 ~ 30000 ppm	Accuracy	± (75 ppm + 3% of reading) (0 ~ 5000 ppm)
Temperature	-20 to 60 °C(-4 °F to 14 0°F)	Accuracy	± 0.8 °C
Humidity	0 ~ 100% RH	Accuracy	± 3% RH
Resolution	1 ppm, 0.1 °C/ 0.1 °F, 0.1% RH		
Response Time	20 seconds		
Operation Temp	0 °C to 50 °C(< 90% RH)		
Storage Temp	-20 °C to 60 °C(< 75% RH)		
Battery	9 V alkaline battery		
Dimensions	285 x 65 x 38 mm		
Weight	304g		
Accessories	9V Battery, Instruction Manual, micro USB cable, Windows software, Carrying case.		