

Carbon Monoxide / Dioxide Meter, Model COX-2



COX-2

CO gas is measured by the potentiostant method and CO₂ gas by the nondispersive infrared absorption method. The COX-2 is a Portable, high performance and stability gas meter for industrial hygiene measurement. The measuring limits are 4000ppm for CO₂ and 50ppm for CO.

Specifications

Code No.	8060-02	
Model	COX-2	
Detection units	CO ₂	CO
Measuring system	NDIR Spectrometry	Constant potential electrolysis
Measuring range	0 - 4000ppm	0 - 50ppm
Minimum scale	- 2000ppm : 10ppm - 3000ppm : 20ppm - 4000ppm : 50ppm	0.1ppm
Measuring accuracy	- 2000ppm ±50ppm - 4000ppm ±100ppm	±5% F.S
Gas collection method	Automatic suction (built-in suction pump)	
Concentration indication	Simultaneous indication by LCD	
Response time	Within 20 sec. for 90% scale	
Warm-up	Approx. 5 min.	
Flow rate	400 ± 100mL/min	
Recorder output	0 - 1000mV	
Power supply	Internal Nickel-Metal Hydride rechargeable battery AC 100V (by using the exclusive AC adapter)	
Charging time	2 hours	
Continuous operation time	More than 6 hours on the internal rechargeable battery	
Life of the sensor	approx. 10000 hours	approx. 1 year
Operation temperature range	-5°C - 40°C (5°C - 35°C for charging)	
Dimensions / Weight	approx. 180(W) × 100(D) × 164(H) mm / approx. 2kgs	

