

KANE-MAY SGA71 CARBON MONOXIDE ANALYSER

- Displays CO from 0 to 999 ppm
- Tri-colour LED indicates concentrations at 3 levels
- Auto Zero activates upon turn on
- MAXCAPTURE continually updates and displays highest CO reading
- Audible Alert triggers above 35 ppm indicating threshold of dangerous concentration
- Backlight display



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TECHNICAL SPECIFICATIONS

SGA71 – Carbon Monoxide Analyser complete with instruction manual and 1 x PP3 battery

Range	0 to 999ppm CO		
Resolution	1 ppm		
Accuracy	± 3% of reading > 100 ppm ± 5 ppm < 100ppm		
Response Time	Typically 30 to 40 seconds		
Sensor Type	Electrochemical cell		
Sensor Life	Typically 2 years		
Calibration	Automatic zero calibration on power on Annual span calibration required		
Visual:	LCD 3 digit LCD display with backlight Tri-colour LED visual indicator		
		Green: Yellow: Red:	>2 ppm <=10 ppm >10 ppm <35 ppm >=35 ppm
Alarm:	Audible alarm sounds when CO > 35 ppm		
Battery Life	Typically 6 months normal use 500 hours continuous use with a PP3 9V Alkaline battery		
Operating Range	0 to +40°C/+32°F to + 140°F, 10 to 90% RH non condensing		
The CO check should not be regarded as a substitute for any recommended spillage test.			
Concentration of CO in air	Inhalation time and toxic symptons developed		
9 ppm (0.0009%)	The maximum allowable concentration for short term exposure in a living room according to ASHRAE*		
35 ppm (0.0035%)	The suggested maximum allowable concentration for continuous exposure in any 8 hour period.		
200 ppm* (0.02%)	Slight headaches, tiredness,dizziness,nausea after 2-3 hours.		
800 ppm (0.08%)	Dizziness, nausea and convulsions within 45 minutes. Unconscious within 2 hours. Death within 2-3 hours.		
1,600 ppm (0.16%)	Headache,dizziness and nausea within 20 minutes. Death within 1 hour.		
3,200 ppm (0.32%)	Headache, dizziness and nausea within 10 minutes. Death within 30 minutes.		
6,400 ppm (0.64%)	Headache, dizziness and nausea within 1-2 minutes. Death within 10-15 minutes.		
The above information is given in good faith having taken reasonable care in its preperation. No responsibility is accepted for its application or use. 10,000ppm = 1% by volume. *ASHRAE – American Societv Heating & Refrigeration Engineers			

WARRANTY

All Kane International Limited products are warranted for 12 months from the date of purchase. This warranty covers any defects in materials or manufacturing and applies worldwide.

Kane-May Environmental

Kane-May Environmental is a division of Kane International Limited. It specialises in the design, manufacture and marketing of electronic instruments for monitoring and optimising both energy usage and emissions from energy processes. Our policy is to continuously develop and improve our products and so we reserve the right to change any part of our product specifications.

* Quadramatic plc is the registered proprietor of the "Kane-May" trademark



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