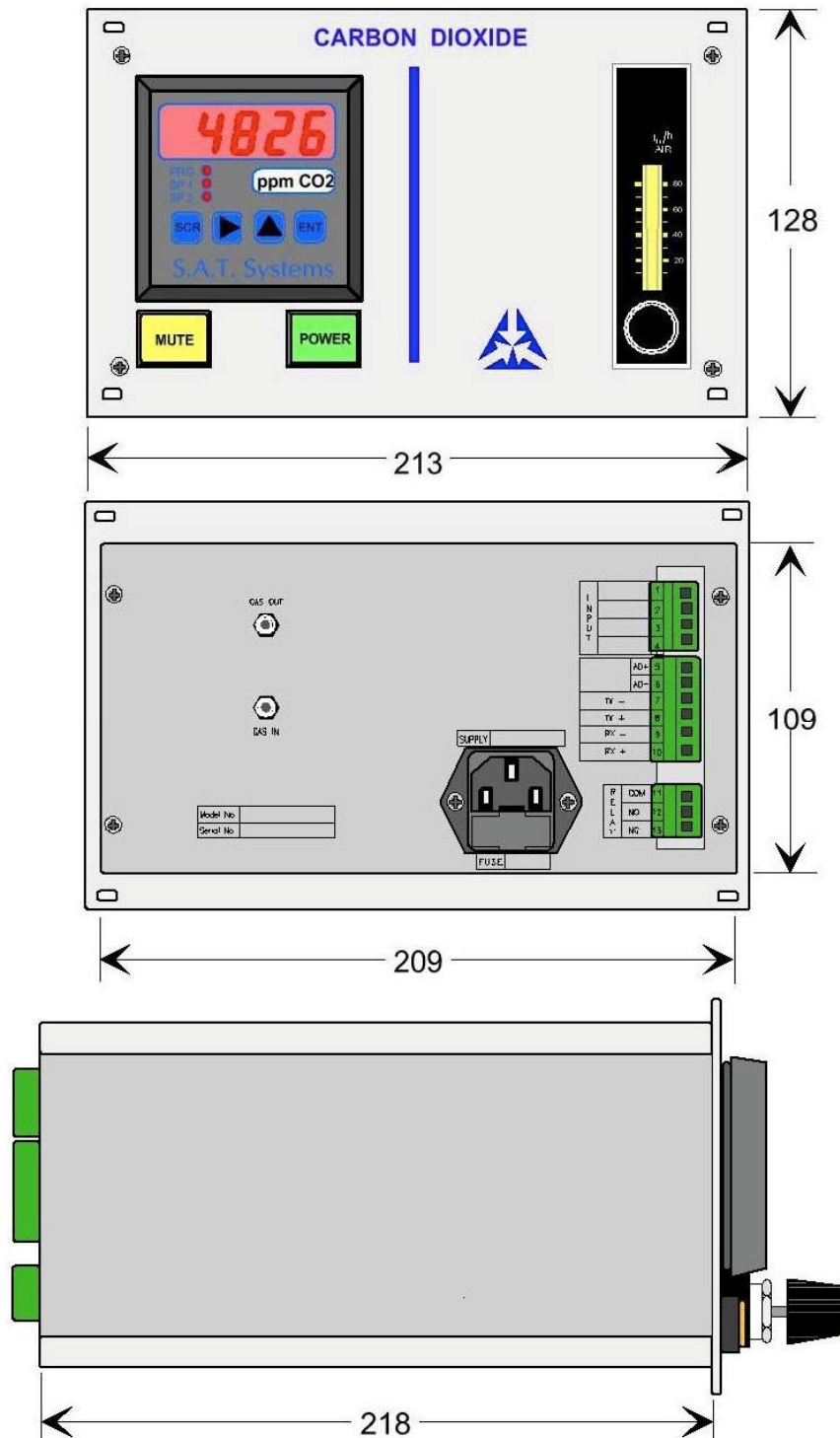


DPM72 CO2 – Carbon Dioxide Analyzer





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DPM72 CO₂ – Carbon Dioxide Analyzer

The DPM72 CO₂ Carbon Dioxide analyzer is a self contained modular unit housed in a custom 3u x ½ rack width case, that can also be panel mounted.

The unit uses a high stability dual wavelength infra-red sensor, it has a built in sample gas drier and flow meter with regulating valve. The display module has both high and low user programmable set points with an audio visual alarm and mute circuit.

Day to day calibration is carried out via the front panel keyboard. All the calibration and alarm parameters are retained in non volatile memory.

SPECIFICATIONS	
Operating Principle	Dual wavelength Infra-red Absorption
Range	0 to 0.5% CO ₂ (5000 ppm) Other ranges on request
Accuracy	+/-% of Full Scale
Zero Drift	<+/-2% FSD over 12 months
Temperature Effect	<0.4% of F.S.D. per Deg. C.
Response Time	90% in 10 Sec.
Warm Up Time	<3 Minutes
Sample Flow	10 to 300 ml/min
Housing	3U X 42HP (1/2 Rack)
Relay Output	8 Amp change-over relay
Options	Analogue/Serial output
Warranty	12 Months
Power Requirements	110, 220 VAC or 24 VDC 6 W