

Ribble Enviro
...everything gas detection

Data Sheet

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Single Gas Detector : iGAS CO₂



The iGAS CO₂ is a Single Gas Detector offering reliable and durable carbon dioxide detection in a compact, and lightweight package. iGAS CO₂ uses a low power NDIR (non-dispersive infra red) sensor to provide fast and accurate detection. Its low power consumption allows for a battery life in excess of seven days (continuous) from a single charge. iGAS is designed to withstand the harshest industrial working conditions, with an IP66/67 protection rating and delivers industry leading alarm time, changeable alarm levels and data logging. Communication is via the USB charging cable using bespoke PC software.

Model	iGAS CO2
Measuring type	NDIR Cell
Measuring method	Diffusion Type
Measuring range	0-5%Vol
Sensor life time	5 years
Resolution	0.1%VOL
Display	LCD Display (Back-light)
Alarm display	RED, Flashing LEDs(Light-Emitting Diode)
Alarm level set	User Selectable via PC Software
Battery life time	7 days
Charger	Mini USB type
Data Log	30 most recent events
Ingress Protection	IP66/IP67
Programme set mode	User Selectable via PC Software
Operating temperature	-20°C to +50°C
Operating humidity	5% to 95% RH(Non-condensing)
Battery	Lithium battery
Material	Polycarbonate and rubber
Dimensions	54(W) x 91(H) 42(D)mm
Weight	93g
Warranty	2years