



Introduction

- **Brand** Oceanus
- **Type** JHB-200

Description:

Infrared CO₂ gas detector is in compliance with the CO₂ gas concentration detection, Adopting Infrared gas filter technique, the measurement can't be interfered by other gas compositions.

Features:

With the advanced NDIR infrared technology.
Can be used under the anaerobic environment.
With the long working life and without the sensor poisoning.
Swift response and the higher accuracy.
Stable measurement and long calibration cycle.
With the certification of the Approval for Coal Mining products.

Technical parameter:

Product name	Infrared CO ₂ gas detector
Gas type	Carbon Dioxide (CO ₂)
Working principle	NDIR infrared sensor
Measuring range	0~5000ppm to 0~10%vol
Resolution	10ppm (for 0~5000ppm) ; 0.01%vol (for 0~10%vol)
Max. error	0~5000ppm, $\leq \pm 2\%$ F.S; 1~10%, $\leq \pm 2\%$ F.S
Response time T90	<25S(20°C)

Working temperature	-20~55°C
Storage temperature	-40~85°C
Humidity	≤95%RH
Preheating time	30S
Working power supply	DC3.7V 1300mAh lithium battery; AC 220V to DC 5V adapter
Anti-explosion grade	Exib I

