



Features :

- Semiconductor technology of ultra low power
- High accuracy with 24 bit ADC acquisition chip
- 3.5 inch IPS industrial grade color screen
- Internal sampling pump for suction
- Data Storage

Applications :

- Chemical Industry
- Petroleum Industry
- Gas Station
- Biology pharmaceuticals

Technical Specifications

LCD Display Size	:	3.5 inch IPS industrial grade color screen.
Gas type	:	CO, SO ₂ , NO ₂ , O ₃ , PM _{2.5} , PM ₁₀
Working Principle	:	Electro-chemical sensor for CO, SO ₂ , NO ₂ , O ₃ laser Sensor for PM _{2.5} , PM ₁₀
Measuring range	:	CO: 0~1000ppm, NO ₂ : 0~100ppm, SO ₂ : 0~20ppm, O ₃ : 0~5ppm,
Measuring range	:	PM _{2.5} /PM ₁₀ : 0~999ug/m ³ ;
Resolution	:	NO ₂ : 0.1ppm; SO ₂ : 0.1ppm; CO: 0.1ppm; O ₃ : 0.1ppm; PM: 1ug/m ³
Precision	:	±3%F.S
Temperature range	:	-40°C- 60°C
Humidity range	:	0~100% RH
Data Storage	:	100,000 group of measuring data could be transferred to PC
Response time	:	≤20s(T ₉₀)
Repeatability	:	≤±1%
Linearity	:	≤±1%
Alarm mode	:	Audible, visual, vibration
Battery	:	Rechargeable lithium battery
Protection grade	:	IP65
Explosion-proof grade	:	Ex ia IIC T4 Ga
Product size	:	220 x 88 x 55mm
Net Weight	:	0.5KG
Standard accessory	:	Particle filter, box, instruction, USB charger , data line, calibration cap