

# 일산화탄소 분석기 (CO Analyzer)

환경부 형식승인 IAMS-2012-1호



**Model : T300**

## 용 도(Applications)

- 대기 및 실내 공기 중의 CO 가스 농도 연속 모니터링

## 특 징(Features)

- 0~1 ppm 부터 0~1,000 ppm 사용자 선택가능
- Auto range 기능
- 온도와 압력 보상 기능
- Ethernet, RS-232와 USB 포트(옵션)
- 1분~24시간의 내장 데이터 로깅
- 내구성 강한 터치 스크린 구현

## SPECIFICATIONS

Ranges	Min : 0~1 ppm Full scale Max : 0~1,000 ppm Full scale (selectable, dual ranges and auto ranging supported)
Measurement Units	ppb, ppm, $\mu\text{g}/\text{m}^3$ , $\text{mg}/\text{m}^3$ (selectable)
Zero, Span Noise	<0.02 ppm (RMS), <0.5% of reading (RMS) above 5 ppm
Lower Detectable Limit	0.04 ppm
Zero, Span Drift	<0.1 ppm/24 hours, <0.5% of reading/24 hours
Lag Time / Rise and Fall Time	10 seconds / <60 seconds to 95%
Linearity	1% of full scale
Precision	0.5% of reading
Sample Flow Rate	800 $\text{cm}^3/\text{min}$ $\pm 10\%$
Power Requirements	100V~120V, 220V~240V, 50/60Hz
Analog Output Ranges	10V, 5V, 1V, 0.1V (selectable)
Recorder Offset	$\pm 10\%$
Included I/O	1 x Ethernet : 10/100Base-T 2 x RS232 (300-115,200 baud) 2 x USB device ports 8 x opto-isolated digital outputs 6 x opto-isolated digital inputs 4 x analog outputs
Optional I/O	1 x USB com port 1 x RS485 8 x analog inputs (0-10V, 12-bit) 4 x digital alarm outputs Multidrop RS232 3 x 4-20mA current outputs
Operating Temperature Range	5~40°C
Dimensions (H x W x D)	178 x 432 x 597mm
Weight	18kg
US EPA	RFCA-1093-093
MCERTS	Sira MC 050069/04