

Model 6050 CO Analyzer



Overview

The Model 6050 CO Analyzer provides an accurate and convenient means of measuring low levels of Carbon Monoxide in ambient air. Principle of IR Analysis - Gas Filter Correlation.

Advanced, easy to use, menu-driven software allows access to sample conditions and diagnostics and the strip chart feature allows the user to view a time series plot for CO readings.

The 6050 Analyzer offers a bright color display, data logging capability and advanced communications via Ethernet, USB and RS-232.

Standard Features

- ▶ Ranges: 0 - 200 ppm (User selectable)
- ▶ Measurement units: ppm, ppb
- ▶ Large color TFT LCD display
- ▶ Various user interface options including touch screen, front panel keypad, external keyboard and mouse
- ▶ Menu driven software
- ▶ Front panel USB connections for peripheral devices and firmware updates
- ▶ Ethernet TCP/IP, USB and RS-232/485 ports
- ▶ Front panel USB connections for peripheral devices and firmware updates
- ▶ Four independent analog inputs / outputs VCD with flexible ranges
- ▶ 8 standard digital input/outputs (I/Os)
- ▶ Automatic temperature and pressure compensation
- ▶ Comprehensive internal data logging
- ▶ Modbus protocol

Optional Features

- ▶ Zero/Span ports
- ▶ 4 – 20 mA current outputs

SPECIFICATIONS

Specifications subject to change without notice

EPA Approved Range	0 - 50 ppm
Noise	< 0.02 ppm
Lower Detectable Limit	< 0.04ppm
Zero Drift	< 0.1 ppm per 24 hours
Span Drift	< 0.5 % of reading per week
Precision	0.5 % of full Scale
Linearity	<1 % of full Scale
Sample Flow Rate	0.5 to 1.0 LPM
Operating Temperature	5° to 45° C
Power Requirements	Universal Power Supply, 90-264 VAC, 100 VA, 50/60 Hz 200 watts
Voltage Output Ranges	0.1V, 1V, 2V, 5V, 10V,
Input/Output Ports	Rear Panel: Ethernet, USB Device, USB Host (2), RS- 232/485 (2)
Physical Dimensions (HxWxD)	5.25 in. x 17 in. x 22.5 in. (133 x 432 x 571.5 mm)
Weight	25 lbs. (10.3 kg)
Certification	US EPA: RFCA-0817-248