

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 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.

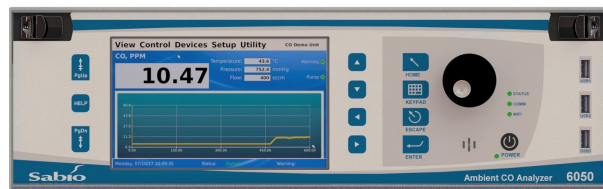
The 6050 Analyzer offers a bright color display, data logging capability and advanced communications via Ethernet, USB and RS-232.

Standard Features

- ▶ Operating ranges: 1 to 200 ppm user selectable
- ▶ EPA approved ranges: 0-50 ppm
- ▶ Large color TFT LCD displays measured concentrations and graphs/charts
- ▶ Touch screen, front panel keypad, external keyboard and mouse
- ▶ Menu driven software
- ▶ Internal memory for more than 2 years of data storage
- ▶ Ethernet (TCP/IP), USB and RS-232 ports
- ▶ Front panel USB connections for peripheral devices and firmware updates
- ▶ Automatic temperature and pressure compensation
- ▶ Comprehensive internal data logging
- ▶ Modbus RTU and TCP protocol
- ▶ Universal Line voltage in the range of 90-260 VAC, 50/60Hz
- ▶ External filter (back panel)
- ▶ Calibration by dilution

Optional Features

- ▶ Internal Zero/Span valves
- ▶ 4 - 20mA current outputs
- ▶ Additional gas measurement module
- ▶ Four independent analog outputs with flexible ranges
- ▶ 8 digital input/outputs (I/Os)
- ▶ Internal filter (front panel)
- ▶ Internal Pump



SPECIFICATIONS

Specifications subject to change without notice

EPA Approved Ranges	0-50 ppm
Noise	<0.02 ppm
Lower Detectable Limit	<.04ppm
Zero Drift	<±0.1 ppm per 24 hours
Span Drift	0.5 % Full Scale per 24 hours
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
Voltage Output Ranges	VAC, 100 VA, 50/60 Hz
Input/Output Ports	0.1V, 1V, 2V, 5V, 10V, user-selectable Rear Panel: Ethernet, USB Device, USB Host (2), RS-232/485 (2)
Measurement Units	ppb, ppm, µg/m3, mg/m3 (selectable)
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