



ROLL AROUND EMISSIONS CART

*The Economical
Solution for Vehicle
and Engine Emission
Analysis*



DESCRIPTION

The California Analytical Emissions Cart has been designed to provide a compact, self-contained emissions system. The complete system is contained in a single bay, roll around cabinet that may be moved to various test sites as required.

This system will allow direct measurement of carbon monoxide, carbon dioxide, oxygen, total hydrocarbons and oxides of nitrogen using proven research grade gas analyzers. All analyzers are Federal Register compliant, ETL and CSA approved and meet U. S. EPA 40 CFR Part 1065 regulations.

APPLICATIONS

- Catalyst R & D
- Engine R & D
- Gasoline/Diesel Emissions Research
- Engine Mapping

FEATURES

- Heated FID Total Hydrocarbon Analyzer
- Heated Chemiluminescent NO_x Analyzer
- NDIR CO₂ and Paramagnetic Oxygen
- NDIR Dual CO— Low and High Level
- On Board Computer and 17" Monitor With NOW Software
- TCP/IP Communications
- Control Panel Indicating Line Temperature and Chiller Temperature Control Status
- Sample Conditioner and Pump
- Includes 10 Feet of Heated Sample Line
- Optional THC Cutter for CH₄ Measurement
- Optional Wet/Dry NO_x Measurement Valve
- Optional Zero Air Generator
- Optional SGD Gas Divider



CONTROL PANEL

- THC Heated Line Temperature Control
- NO_x Heated Line Temperature Control
- Chiller Temperature Control
- Filter Temperature Control
- THC and NO_x Hot Pocket Temperature Control
- Connections for Calibration Gases/Optional Gas Divider
- System Flow and Pressure

ANALYZERS

- Heated Total Hydrocarbon (FID)
- Heated Chemiluminescent NO_x
- NDIR CO₂ and Paramagnetic O₂
- NDIR Dual CO High and Low Level



COMPUTER

- 17" Monitor
- Slide-out Drawer Containing Keyboard



1312 West Grove Avenue
 Orange, CA 92865-4134
 Phone: 714-974-5560 Fax: 714-921-2531
www.gasanalyzers.com