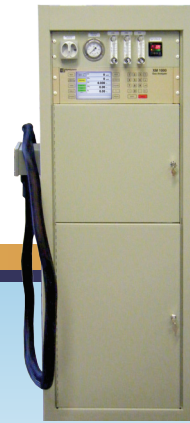


# XM2000

## 5-Gas Exhaust Analyzer



## Features

- Utilizes Andros 6500 5-Gas Analyzer
- Single automotive gas analyzer utilizing Non-Dispersive Infrared (NDIR) and Electro-Chemical technology
- Touch Panel Control with Membrane keys to aid user interface
- Highly repeatable measurement in a small form factor allowing for system portability
- Sample and Purge modes
- Automated Hydrocarbon Hangup test and Leak Check
- Calibration (Zero and Span)
- Interfaces with Cell Assistant for Windows® and NI LabVIEW™
- Integral heated sample line and filter assembly
- Integral heated line controller
- Internal water condenser
- Calibration gas stored directly in the cabinet
- Front panel flow meters for easy adjustment of flow rate
- Single portable cabinet on casters

## Testing Applications

- Engine
- 2-Stroke Emissions
- Biofuel

XM2000 is a 5-Gas Analyzer capable of measuring (HC, CO<sub>2</sub>, CO, NO<sub>x</sub>, and O<sub>2</sub>). This analyzer, its ancillary equipment, and heated sample line are conveniently mounted into a single mid height 19" rolling rack. A mobile rack affords the flexibility to use in multiple locations as a survey tool or permanent installation for continuous system monitoring.

### Dimensions

**58" h x 21" w x 26" d**

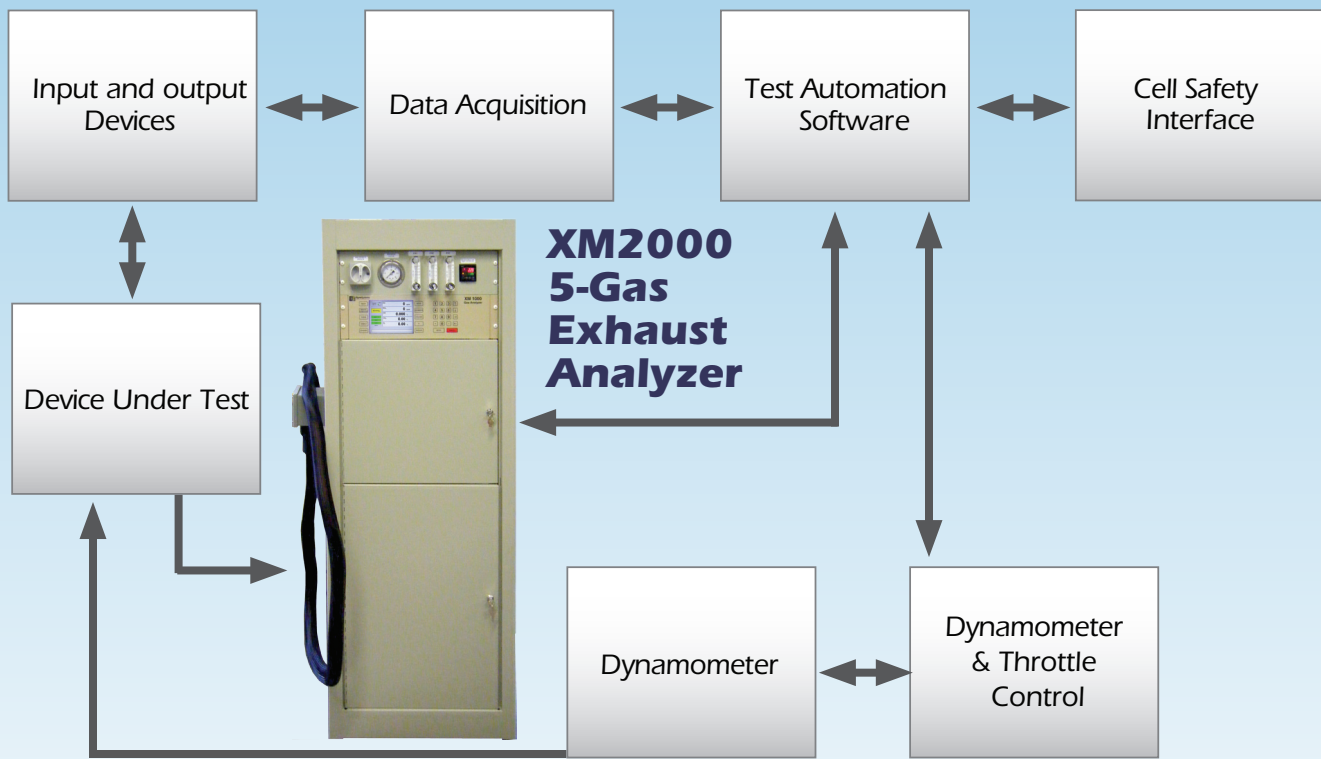
### Control Power

**115 V, 30.0 Amps**

### Environmental Limits

**Air Temperature: 0° to 40°C (104°F)**

**Relative Humidity: 0 to 95%**  
**No condensation allowed**



## Dyne Systems Product Line

### Closed Multi-Loop Dynamometer & Throttle Control

- Inter-Loc V
- DS630 Inter-Loc V Throttle Controller

### Closed Single-Loop Dynamometer Control

- Dyn-Loc IV
- Dyn-Loc V

### Closed Loop Throttle Control

- DTC-1
- DS830 Stand-Alone Throttle Controller

### Open Loop Dynamometer Control

- DS820 Eddy Current PAU

### Closed Loop Water Flow Control

- EWC-1

### 5-Gas Exhaust Analyzer

- XM2000

### Data Acquisition

- Companion II: Dyne Systems proprietary
- Companion III: Yokogawa based
- Companion IV: NI cRIO based

### Test Automation Software

- Cell Assistant for Windows®
- Cell Assistant for NI LabVIEW™ (VeriStand™)

### Test Cell Safety PLC Interface

- CIA I: Automation Direct / Koyo
- CIA II: Horner
- CIA III: ABB
- CIA IV: Allen-Bradley

### Throttle Accessories

- Actuator, Remote Pendant, Cables

### Eddy Current Dynamometers

- 5–5000 Hp

### AC Dynamometers and Drives

- 5–1600 Hp

### DC Dynamometers and Drives

- 5–1200 Hp