PHOENIX DYNAMOMETER
GET YOUR MOTOR RUNNING

PD481 Emissions Analyzer (5 gas analyzer) / Engine Dynamometer

Specifications

2 year WARRANTY

Pre-installed and programmed
Includes a 1 liter [1 quart] Reservoir
Ambient operation temperature –25 to +70 °C [–13 to +160 °F]
Low-level and malfunction alarms with remote notification
Integrated with the data acquisition and control system

Power:	10 -16 VDC
Ranges:	
HC:	0 - 2000 ppm (0-20,000 ppm High Range)
CO:	0 - 10%
CO2:	0 - 20%
O2:	0 - 25%
NO:	0 - 5000 ppm (Nitric Oxide)
Warm up:	Less than 5 minutes
Display resolution:	
HC:	1 ppm vol.
CO:	0.01% vol.
CO2:	0.1% vol.
O2:	0.01% vol.
NO:	1ppm
HD Touch Screen display:	7 inches
Accuracy (Bar 97 EPA ASM)	
HC:	4 ppm HC
CO:	0.06% CO
CO2:	0.3% CO2
O2:	0.1% O2
NO:	25 ppm
Drift:	Zero and span drift are less than ± 0.6% of full scale for the first hour and less than ± 0.4% of full scale per hour thereafter.
System response time:	Bench: 1.5 Sec/25 ft. hose 5 sec. to 90% of final reading
Ambient conditions:	2-45°C [35-120°F], Rel. humidity 0-98%
Sample hose:	7.5 m (25 ft) with QD coupling 93 °C[200°F]Max.
Sample probe:	Stainless steel 650°C 1200°F (replaceable flex tip)
Mass:	Approx.: 4.5 Kg (10 LBS).



ALL IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

... because excellence is a habit!