



COMPLETE ENVIRONMENTAL SOLUTIONS



Air, Sound, Water, Soil Pollution Monitoring Instruments Manufacturing, Sales, Servicing & Calibration
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PRODUCT LIST

AIR POLLUTION MONITORING INSTRUMENTS

- RESPIRABLE DUST SAMPLER (PM10)
- FINE PARTICULATE SAMPLER (PM2.5)
- COMBO SAMPLER (PM10+PM2.5)
- STACK SAMPLER
- HANDY DUST SAMPLER
- PERSONAL SAMPLER
- BENZENE SAMPLER
- LOW VOLUME SAMPLER
- GASEOUS POLLUTANT SAMPLER
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
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- SOUND LEVEL METER
- WEATHER MONITOR
- LUX METER • VIBRATION METER
- TOP LOADING CALIBRATOR
- FLOW CALIBRATOR

COMBINED PUC ANALYZER EMC1601



Standard Accessories

Sampling Probe (petrol & diesel)
 Sampling Tube (petrol & diesel)
 USB Interface Cable
 USB Interface Cable
 AC-DC Adaptor with power chord
 Wireless Remote with Charger
 Tachometer Adaptor with accessories
 Software CD/User Manual
 Printer (optional)

Qualities

High Reliability-Robust Design
 Easy to install & operate
 Compact & light weight
 Economical & Low maintenance
 Measures emission in petrol & Diesel Engines

Features

Designed to conform ISO39390 Standard
 High end microcontroller technology
 Made to suit Indian extreme voltage conditions
 Improved interior design for easy service
 Integrated self-check facility
 Self diagnostic facility

- TIME CALIBRATOR
- SOUND LEVEL CALIBRATOR

LAB INSTRUMENTS

- BIO SAFTY CABINET
- FUME HOOD
- BOD INCUBATOR
- COD DIGESTOR
- AUTO CLAVE
- BIOLOGICAL INCUBATOR
- HOT AIR OVEN • WATER BATH
- HUMIDITY CHAMBER
- HOT PLATE
- DISTILLATION UNIT
- HEATING MENTLE
- KJELDAL ASSEMBLY
- DEEP FRIZZER
- PH METER
- TDS METER
- CONDUCTIVITY METER
- SPECTROPHOMETR
- WEIGHING BALANCE
- MOISTURE ANALYZER
- DIGITAL ULTRASONIC CLEANER
- DO METER
- GRADENT THERMAL CYCLEAR PCR
- ICE FLAKER
- ICE MAKER
- PROBE SONICATOR
- DIGITAL VISCOMETER
- DIGITAL PRESSURE INDICATOR

Electronic leak check facility
 Automatic pump control facility
 Automatic zero calibration
 Wireless Remote
 Digital span calibration
 USB & Rs232c ports for PC interface
 Operable on both AC & DC
 Display of Lambda/AFR/PEF
 Fuel selection Facility-Petrol/Diesel/LPG/CNG
 Low Battery voltage cutoff
 24 column dot matrix printer
 Functions on folded geometry principle
 Apt for free acceleration tests
 Suitable for road tests using vehicle battery
 Wireless Tachometer Adaptor
 Multi RPM selection facility
 Multiple operating modes
 Automatic power on/off
 Automatic heater control facility

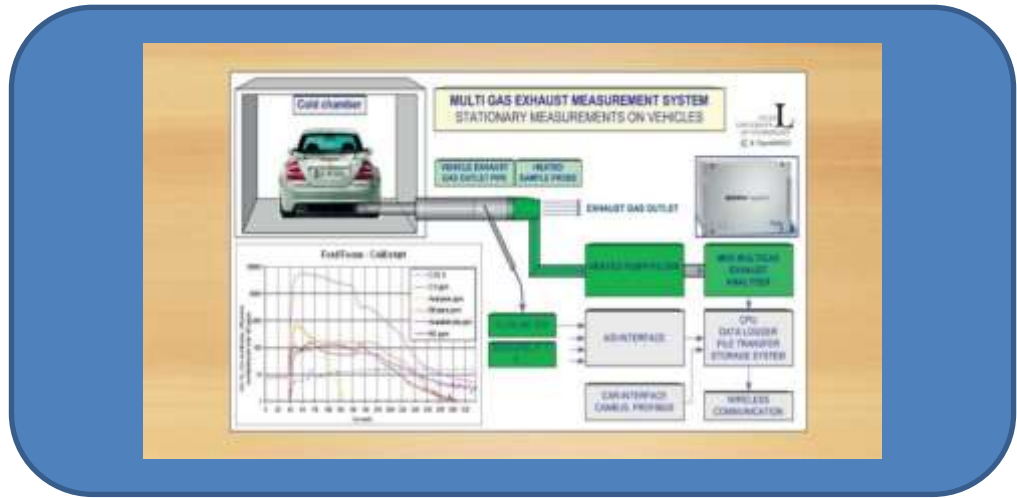
Technical Specifications

Parameters		Range	Resolutio n	Accuracy
CO	NDIR	0-15%	0.001%	±3%
HC	NDIR	0-20000ppm	1ppm	±5%
CO ₂	NDIR	0-20%	0.01%	±3%
O ₂	Electrochemical	0-25%	0.01%	±3%
NO _x	Electrochemical	0-5000ppm	1ppm	±3%
SO _x	Electrochemical	0-5000ppm	1ppm	±3%
HU	Light absorption	0-99.99%	0.01%	
K	Light absorption	0-9.999/m	0.001/m	
RPM	Battery/Magnetic	400-10000	10	±2%
	Piezo/OBD	400-10000	1	±2%

- LON SELECTIVE ELECTRODES
- POLARIMETERS
- VISCOMETERS
- PROBE SONICATOR-TOUCHSCREEN
- LON WITH PH METER-5 POINTS
- PH ELECTRODES
- MULTI PARAMETER / DO METER
- REFRACTO METERS
- GRADIENT THERMAL CYCLER
- ULTRASONIC CLEANERS
- CERAMIC HOTPLATE
- MAGNETIC STIRRER
- DIGITAL PIPETTES
- REFRIGERATED CIRCULATING BATH
- DIGITAL WATER BATH
- ANALOG MULTIMETER
- DIGITAL MULTIMETER
- BENCH TYPE TRUE RMS DIGITAL MULTIMETER
- AC CLAMP METER
- AC/DC CLAMP METER
- POWER CLAMP METER
- AC LEAKAGE CURRENT TESTER
- EARTH LEAKAGE
- INSULATION RESISTANCE TESTER
- PHASE ROTATION METER
- VOLTAGE DETECTOR
- DIGITAL CAPACITANCE METER
- DIGITAL LCR METER

OT	RTD	0-150°C	1°C	±2%
Operation Temperature		0-50°C		
Measuring Gas Intake		1 ltr/min		
Response Time		<5sec		
Linearity/Repeatability/Drift		±0.1 m-1		
Warm-up Time(>=25°C)		< 3min		
Zero/Gas Span Calibration		Automatic		
Span Calibration		Digital		
Display Type		LCD		
Keyboard		Membrane keypad (3 x 4)		
Power Supply		12VDC Â±2V or 230VAC Â±10%		
Power		75W		
Leak Test Electronic		Electronic		
Dimension		475 x 170 x 275mm		
Weight		8 kg		

- DIGITAL MILLIOHM METER
- LUX METER



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Purifying your tomorrow