

Automobile Emission Gas Analyzer

Gasboard-5020(4020)



Introduction:

- Gasboard 5020 emission gas analyzer can be used for measurement of the concentration of automobile emission gas CO, CO₂, HC, O₂ and NO (optional). It is based on the pulsable infrared source and single source two beams non-dispersion infrared (NDIR) method, this analyzer is designed with portable and smaller physical dimensions. The general application is for automobile emission check station or car repair garage.

Features & Specifications



Features:

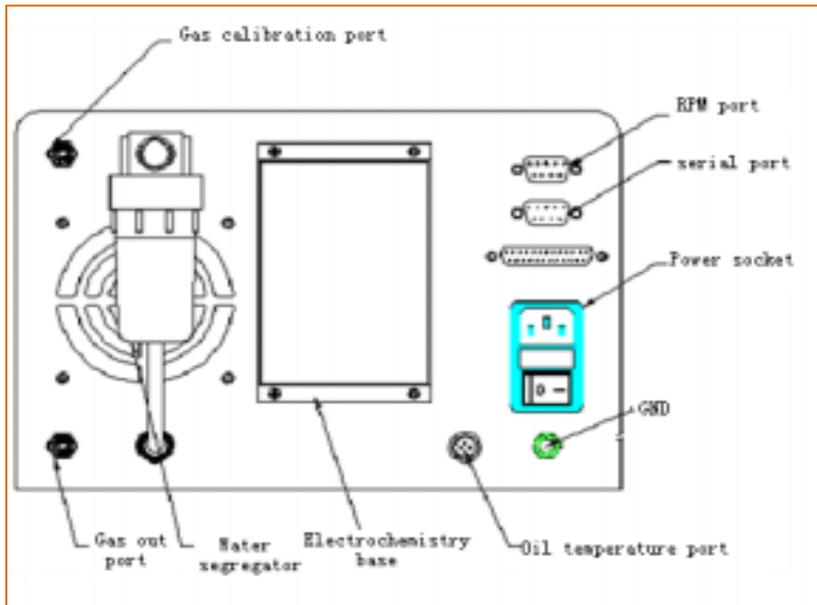
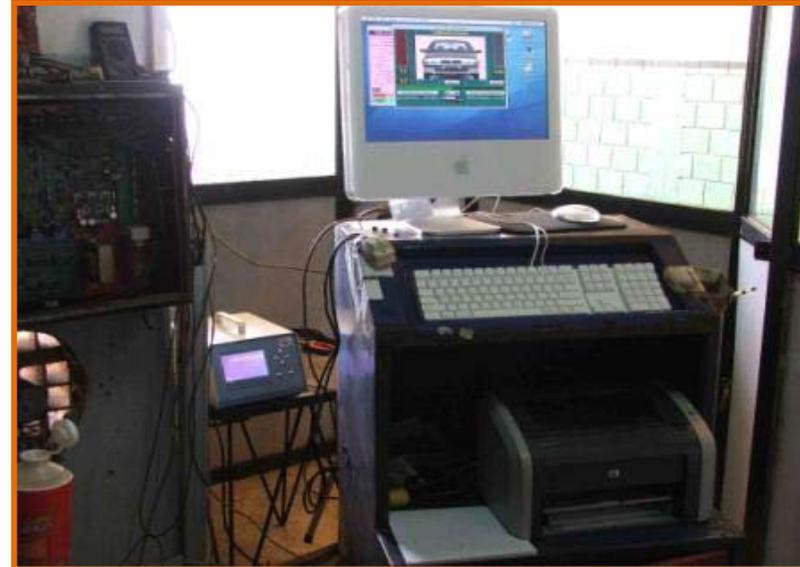
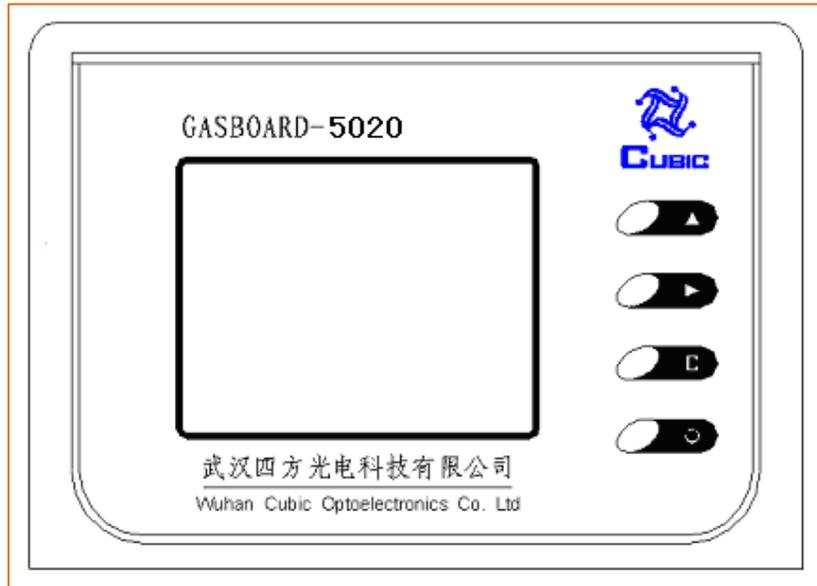
- Proprietary Infrared(NDIR) gas sensor
- Can measure gas concentration of CO, HC,CO₂,O₂,NO (optional) simultaneously
- With 320*240 LCD and 6 keypads for operation
- Air/fuel ratio calculation and display automatically.
- Auto-zero calibration with air
- Oil temperature and RPM interface.
- Plug in Printer optional .
- RS-232C interface and optional software.

Specifications:

- Measurement range:
CO:0 - 10% , CO₂:0 - 20 % ,HC:0 - 9999ppm,
O₂:0 - 25% , NO:0 - 5000ppm(optional)
- Error: HC :±12ppm or±5%
(relative) CO :±0.06% or±5%
(relative) CO₂ : ±0.5% or±5% (relative) O₂ :
±0.1% or±5% (relative) NO :±25ppm or±4%
(relative)
- Resolution:HC:1 ppm CO:0.01 % CO₂:0.01 %
O₂:0.01 % NO:1 ppm
- Response time: Less than10s (NDIR)
- Warming up:10min
- Power: AC220V ±10%,50HZ±1HZ
- Weight:6.5kg
- Dimension:266mm(width) × 360mm(depth)×
183mm(height)

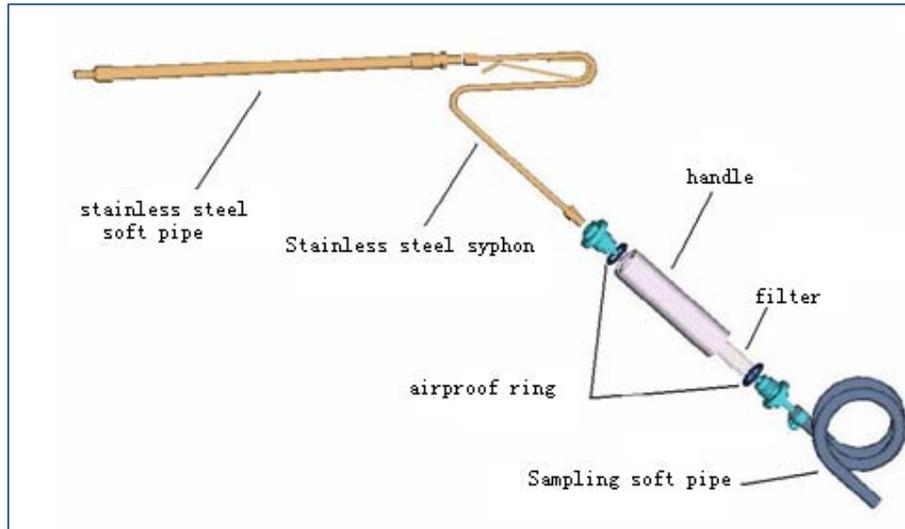
Front & Back panels

Applications : Dealership in Argentina



Accessories

Standard accessories: Sampling probe, sampling pipe, filter elements, RS232 cable



Optional accessories: Oil temperature sensor, Engine RPM sensor based on cigar lighter Gasboard-8010, RPM sensor based on vibration Gaboard-8110



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