

Product Name :

Trace Gas Analyzer - On-Line Gas Chromatographs For Testing Lab for Gas Chromatography Lab

Product Code :

ONGA-B001



Description :

for Gas Chromatography - Trace Gas analyzer - Online & Off line systems ideal for analysis of PPB to low PPM levels of inert gases with good accuracy and repeatability based on PDHID & DID detectors.

On-Line Gas Chromatograph for Lab:

Micro controller based system with choice of operating controls.

Can be configured for single stream or multi stream operation with Heart Cut, Column Switching, Back Flushing, Fore Flushing etc., operations, i.e. basically a multi dimensional analytical setup.

All the features of an advanced GC system for On-Line applications at a very affordable price.

Can be configured with TCD, FID , DID, PDHID ,ECD or multiple detectors in series or parallel.

Remote indication of results on Process indicators up to 900 meters away.

Choice of RS 232C/RS 485/Ethernet control.

Can be used as a mainframe to convert a normal lab GC for online application by addition of separate accessories and attachments.

Online Gas Chromatograph

Rugged On-Line Gas Chromatograph systems based on TCD and FID detectors in 19" Rack enclosures.

Single / Multi Stream On-Line Gas Chromatograph systems based on Micro controller / Microprocessor technology.

Customized GC systems can be manufactured using Hear cut, Back Flush, Fore Flush, column switching etc.. techniques for the most difficult applications.

Multi stage sample processing.

Remote indication of results on Process indicators up to 900 meters away.

Choice of RS 232 C / RS 485 / Ethernet control.

All components used are industrial grade or MIL grade from approved sources with certification from LCSO/BIS/NPCIL/ECIL/EIL/CE/UL etc.

Various approvals for EMI, RFI, Temperature, Humidity, Voltage variation, insulation, leakage conforming to MIL, IEC, IS and NPCIL-ECIL standards.

Traceability records and 100 % incoming QC as per PTS and QAP.

On-Line Gas Chromatograph Plant:

A superb space saver on-line Gas Chromatograph system employing all the techniques and processes of OLGC for process plants. All specifications are almost as per On-Line for Process Plants with wider application area and provision for multi dimensional analytical setup.

Can be used with high sensitivity TCD , FID , ECd, DID & PDHID Detectors in solo or in multiple configurations.

Systems can be designed for high temperature applications using satellite oven with MIL grade components. The electronic panels are specially designed proprietary 17" rack panels with modular structures.

The systems are used for controlled environment and with electronic components be of industrial grade with CE/UL/CSA/LCSO/EQDC certification.

Can be configured for single stream or multi stream operation

All the features of an advance Gas Chromatograph system as well as On-Line GC system at a very affordable price.

Remote indication of results on Process indicators up to 900 meters away.

Choice of RS 232C/RS 485/Ethernet control.

Applications - Manufacturers of UHP Gases, Certification for Gas Purity, Air Gases, Doping Gases, Chemical Gases, Aerospace Industry, Detector Lamp Gas Control, Breathing Oxygen Manufacturers, Coolant Gases for Nuclear Industry, Semi-conductor Manufacturing Control

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