

Gas Chromatograph (GC)

The GC-2552 is the one of best choice of gas chromatography that provides superior performance for all chromatography analyses application. The major advantage for high quality analyses are the use of advanced electronic pneumatic control (EPC) that is optimized for its intended use for the specific inlet and detectors, high performance GC oven and enhanced electronic micro controller based control system.



Application

- Chemical laboratories
- Petrol and Petrochemical
- Environment protection
- Pharmacology
- Scientific research

Performance

- High speed, High resolution, High reproducibility, High quality
- High sensitive FID and TCD detector – 2nd TCD detector (Optional)
- Low dead volume inlet – for Packed and split/splitless capillary
- Accurate and high performance oven with any step temperature programming
- Full EPC high resolution gas control for all inlet and detectors
- User friendly software with online help in any language



Chromatography software

Designed very user friendly and schematically, it control all GC modules and do data acquisition of all temperature, gas parameter and chromatography data.

The software does all data processing and calculation that will be needed for professional calibration and determination of chromatography analyses and result.

Specification

Parameter	Range	Comment
Oven Temperature	Ambient ~ 400 ° C	PID control
Inj – Det Temperature	Ambient ~ 400 ° C	PID control
Injector	Capillary - Packed	2 Port
Capillary mode	Split - Splitless	Event Programmable
Injection mode	Manual - Online	By multi port Valve
Multiple Injection	Online by 10 port valve	2 Detector
Detector	FID – TCD	FID default
FID Detector	High speed	Up to 50 Hz
FID Dynamic range	10 e ₇	5 level
FID detection limit	3x10 e ⁻¹² g/s	For Diphenyl
TCD Detector	High speed	Up to 50 Hz
TCD filament	4 filament	Rhenium - Tungsten
Gas control	EPC	All Chanel EPC
Power	220 V AC – 2.5 KW	50 - 60 Hz
Dimension	54 X 45 X 50	W X H X D
Weight	30	Kg

