

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.



Performance

High speed, High resolution, High reproducibility, High quality

High sensitive FID, TCD and HID detector – 2nd TCD detectors

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

Application

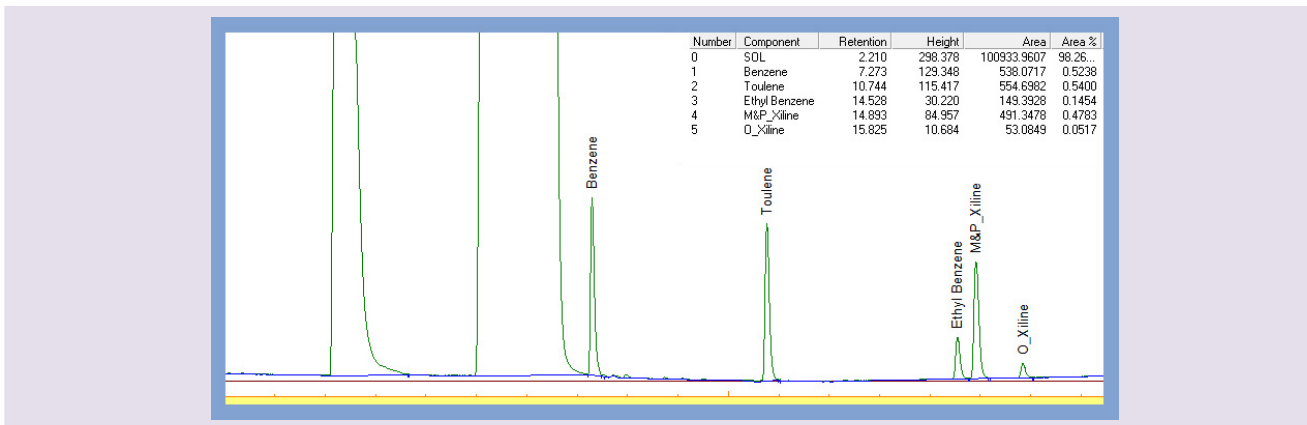
Chemical laboratories

Petrol and Petrochemical

Environment protection

Pharmacology

Scientific research



Chromatography software

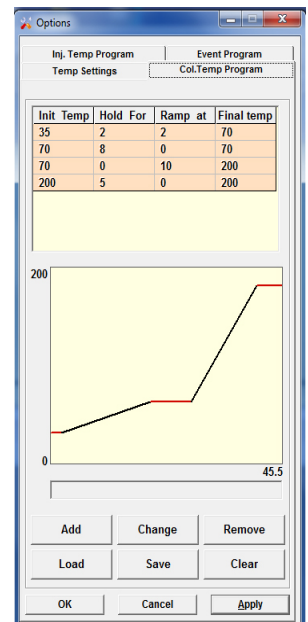
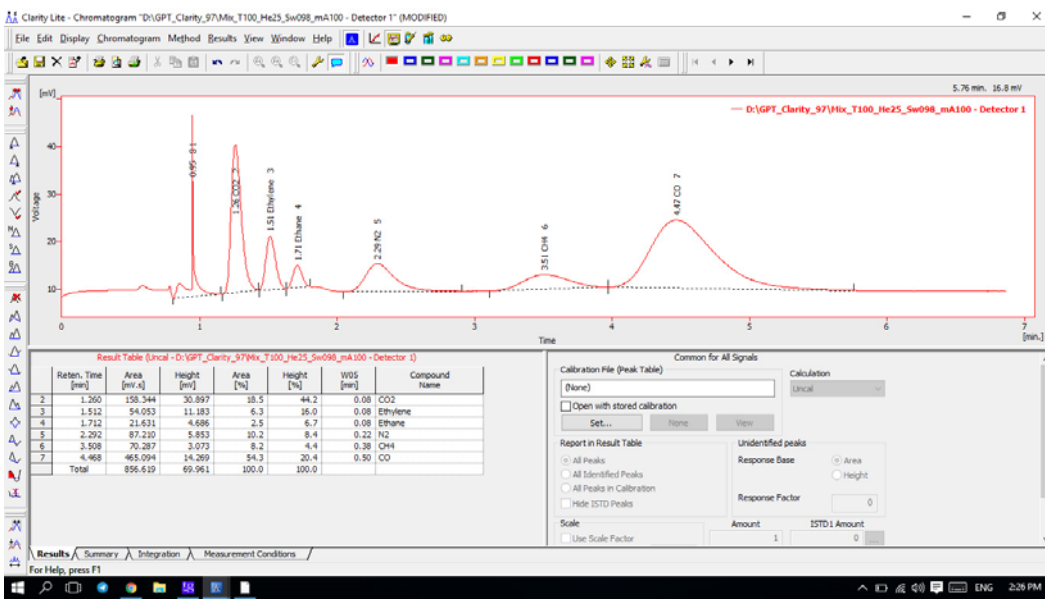
Designed very user friendly and schematically, it control all GC modules and do data acquisition of all temperature, gas parameter and chromatography data.

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	Sampling and switching
Detector	FID – TCD -HID	FID default
FID Detector	High speed	Up to 300 Hz
FID Dynamic range	10 e7	5 level
FID detection limit	3×10 e -12 g/s	For Diphenyl
TCD Detector	High speed	Up to 300 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	50	Kg

www.irangc.com



Data acquisition done by Data Apex (www.dataapex.com) CDS at Column switch mode

Unit 4, No. 183, Mahtab Bldg., Tolid Garan Blvd.(Ismail Abad), KM 19 Jade Ghadim Karaj, Tehran 3114859018, Iran
 Tel: 0098 21 44336672 – 46825584 Fax: 0098 21 46825835 E mail: info@irangc.com Telegram: irangc95