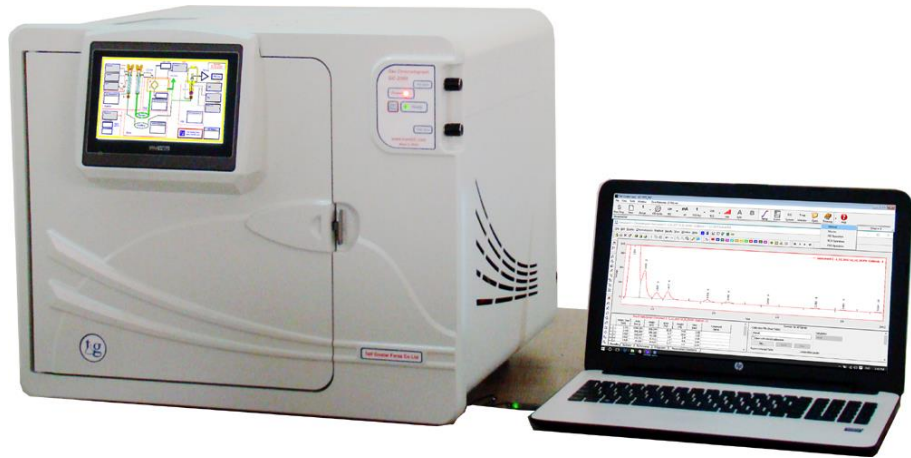


TGF

## گاز کروماتوگراف

گاز کروماتوگراف GC-2560 یکی از بهترین انتخاب جهت آنالیز مواد شیمیایی میباشد این دستگاه با استفاده از دقیق ترین سیستم الکترونیکی کنترل گاز و دما دقیق ترین آنالیز کمی و کیفی را انجام میدهد



### سه روش کنترل گاز اینجکتور کاپیلاری

فلوی گاز ثابت - فشار گاز ثابت - سرعت خطی متوسط ثابت

## GC – 2560

### Performance

**High speed (Up to 400 Hertz)**, 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

**International software (Last version) and user friendly**

### کاربرد دستگاه

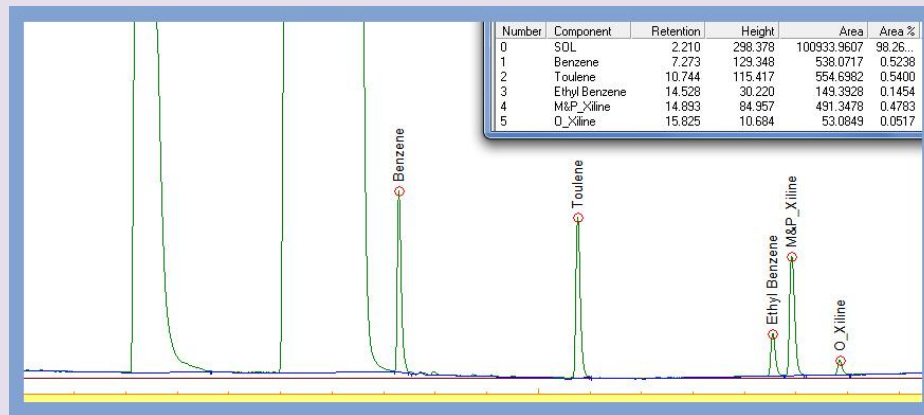
آزمایشگاه های شیمی

نفت و پتروشیمی

محیط زیست

صنایع شیمیایی

تحقیقات علمی



تهران - کیلومتر ۱۹ جاده قدیم کرج - بلوار تولیدگران - پلاک ۱۸۳ - ساختمان اداری مهتاب - واحد ۴

تلفن: ۰۲۱ ۴۴۳۳۶۶۷۲ - ۴۶۸۲۵۵۸۴ - فاکس: ۴۶۸۲۵۸۳۵ - کد پستی: ۳۱۱۴۸۵۹۰۱۸ - E mail: [stngco@hotmail.com](mailto:stngco@hotmail.com)

جدید

www.IranGC.com

## Chromatography software (Last version of international brand)

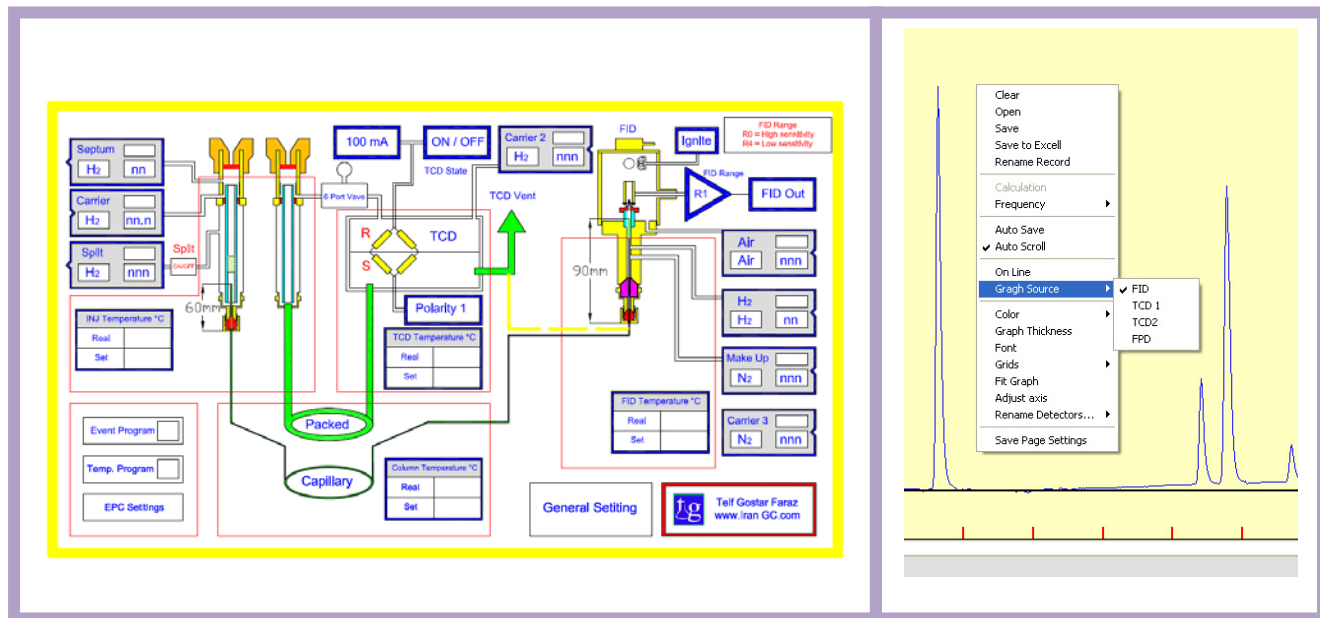
Designed very user friendly and schematically, it control all GC modules and do data acquisition of all temperature, gas parameter and chromatography data.

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

### GC – 2560 Specification

Parameter	Range	Comment
Oven Temperature	Ambient ~ 400 ° C	Dual PID control
Inj – Det Temperature	Ambient ~ 400 ° C	Dual PID control
Injector	Capillary - Packed	2 Port
Capillary injection mode	3 Mode	Constant (linear velocity – Flow – Pressure)
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 400 Hz
FID Dynamic range	10 e7	5 level
FID detection limit	3x10 e -12 g/s	For Diphenyl
TCD Detector	High speed	Up to 400 Hz
TCD filament	4 filament	Rhenium - Tungsten
Gas control	EPC	All Chanel EPC
Power	220 V AC – 2.5 KW	No need stabilizer
Dimension	54 X 45 X 50	W X H X D
Weight	50	Kg

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The image displays two parts of the chromatography software interface. On the left is a detailed schematic diagram of the GC-2560 system, showing the flow from the injector through the column (with 'Packed' and 'Capillary' modes indicated) to the detectors (FID and TCD). It includes various control panels for gas flow (Carrier, Split, Septum), temperatures (Inj, TCD, FID, Column), and detector settings (Polarity, Ignite, FID Range). On the right is a chromatogram showing a baseline with several peaks. A context menu is open over the chromatogram, listing options like 'Clear', 'Open', 'Save', 'Calculation', 'Frequency', 'Auto Save', 'Auto Scroll', 'On Line', 'Graph Source' (with sub-options for FID, TCD 1, TCD 2, FPD), 'Color', 'Graph Thickness', 'Font', 'Grids', 'Fit Graph', 'Adjust axis', 'Rename Detectors...', and 'Save Page Settings'.