

## GC with FID and TCD detectors\_ Specifications

1. Retention time repeatability: < 0.0008 min\*1.
2. Peak area repeatability: < 0.5 % RSD\*1.
3. Must have an integrated leak check function allows you to easily check for leaks.
4. Must have a fully integrated alerts and counters for hardware and consumables notify you when to perform maintenance.
5. Must have a highly precise oven control eliminates any temperature irregularity, making sure you get reproducible and accurate results.
6. Must have an oven door sensor that automatically shuts off all heating elements when the door is opened or not properly closed.
7. Must have an error and warning message system notifies you of any irregularity in the system.
8. Must have an optional hydrogen sensor available for applications with hydrogen carrier gas. The sensor detects potential leaks and stops the system immediately.
9. Must have a flow control modes: constant pressure, constant column flow, constant linear velocity. automatic standard recognition.
10. Must have supported injection units: Split/Splitless Injection Unit (SPL); Direct Injection Unit (WBI); On-column Injection Unit (OCI); Programmable Temperature Vaporization Injection Unit (PTV)); Packed Column Injection Unit (SINJ).
11. Must be housed with the following detectors: Flame Ionization Detector (FID) and Thermal Conductivity Detector (TCD).
12. Must have an automatic liquid injector.
13. Must come with a software and a workstation.
14. The supplier must provide at least 2 reference letters from its clients.
15. The supplier must have a good after sales service record.
16. Only local suppliers or approved agents can bid.
17. Only manufacturers and suppliers or their approved agents can bid.