



Beyond Your Imagination

Here comes a new innovative **YL6500 GC!**

YL's 5th generation of GC is starting to be a new powerful leader in a GC market. With strongly enhanced APCs (Advanced Pneumatic Control), totally three units of inlet and detector are able to be installed for each for complex analyses such as petroleum, natural gases etc., YL6500 GC provides reliable and precise data by extremely sensitive detectors. Also, the innovative haptic LCD strengthens user interface with a finger-tip.



The iDEA makes iDEAL!

Think Smart Work Better

View

Large Haptic LCD



Variety

Various Inlets and Detectors Installable up to Three for Each



Verification

Verified Results with Strongly Enhanced APCs



Value

Reasonable Price Saving User's Valuable Time

View

- Enlarged haptic color LCD(5.7") showing all factors at a glance.
- Classic and lab-suitable design
- Intuitive and user-friendly view by YL chromatography data system

Verification

- High speed data process by network(LAN) communication
- Enhanced APCs for all modules
 - Increased precision in pressure and flow rate
 - Automatic compensation for temperature & pressure in installation condition
 - Pressure setpoint precision to 0.01 psi
 - Shockproof APCs
 - 4 column flow control modes :
 - Constant pressure / Constant flow
 - Programmed pressure (5 steps) / Programmed flow (5 steps)
 - Stable APCs against oven temperature changes
 - Up to six APCs can be installed and up to 18 channels of APC
- Upgraded column oven
 - Programming ramp/plateaus : 25/26
 - Temperature Stability : $\pm 0.01^{\circ}\text{C}$

Variety

- Maximum no. of inlet / detector installation : 3
- Various inlets available
 - Capillary Inlet
 - Packed Inlet
 - On-column Inlet (Temperature programming up to 5 steps)
- Various detectors with high sensitivity available
 - Flame ionization detector (FID) : MDL < 2.0 pg C/sec
 - Thermal conductivity detector (TCD)
 - Micro - thermal conductivity detector (μTCD) : MDL < 400 pg/ml
 - Nitrogen phosphorus detector (NPD)
 - Flame photometric detector (FPD)
 - Electron capture detector (ECD) : MDL < 10 fg/sec
 - Pulsed discharge detector (PDD)
 - Pulsed flame photometric detector (PFPD)

Value

- Reasonable price saving user's valuable time
- Improved column conditioning function:
Automatic set of split flow up to 5ml/min on column conditioning
- Sensitive leak detection (H_2)
- Prevention of oven malfunction (Over heating)
- Automatic stop when an oven door gets opened during operation



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These Products are manufactured by Young Lin
ISO 9001-certified facility that is periodically
audited by the registering body to ensure compliance

