



GAS CHROMATOGRAPH

GC-4000



■Detector

□Thermal Conductivity Detector (TCD) ③

Auto-Zeo function is now added. A newly built Thermal Conductivity Detector (TCD) is installed in the GC-4000 detector part, and it does not disturb when auto injector or multi injector is installed.

□Flame Ionization Detector (FID) ④

Improved rate of S/N between detector and electron meter made a minimum detecting volume 1/2 compared to GL's conventional systems.
[5×10^{-12}] → [2.5×10^{-12}] (gC/sec,Octan).

□Pulse Discharge Detector (PDD)

Three kinds of modes are available: Electron Capture Detector (ECD) without radiation sources•Helium Ionization Detector (HID) which detects every chemical compounds except Neon•Photolionization Detector(PID). Modes can be changed by changing the connection between the electro code and cable, and switching of the controller. For ECD mode, dopant gas is required. For PID mode, suitable discharging gas based on the analysis is required)

■Display & Key Board

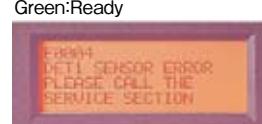
□Large LCD Display ⑤

More information is available by the 20 digits and 4 line LCD. Three colors, green, yellow, and red shows current status.

For better sight and smoother click touch, the silicon rubber key is equipped. It ensures the accurate touch and more efficient operation.



Yellow:Not Ready/ Busy



Red:Error

※Luminescent color of the Back light
can be difference than the actual.



■Flow Controllers

□Gathered Operating Part

Frequently used operating parts, such as gas controlling valve and gas outlets etc., are gathered at the bottom right.

It prevents the system from the glitch by closing the door.

Example) Flow Controller Operating Part
DSL(F) Specification



■GL Sciences Device Control (Optional)

□EZChrom Elite Device Control (GC-4000/AS)

Method Setting

The EZChrom Elite Device Control enables the temperature or detector setting of the GC-4000. It also enables the setting of the auto injector ASI240.



□Chromatograph digitally sent by UBS connection

From the GC-4000 to the EZChrom Elite, the chromatograph is sent digitally. EZChrom Elite connecting kit, SS420x is not required.

■Option Instruments

□Auto Sample Injector ASI240

The ASI240 is an auto injector for liquid sample with microsyringes. The ASI240 is suitable not only for the sample injection, but also capillary column analysis that requires the injecting reproducibility.



Auto Sample Injector

□Multi Injector System OPTIC3-DTD/DMI-FOCUS

The Multi Injector System OPTIC3 offers a number of sample introducing methods together with its a various optional devices.



Multi Injector System

