



GC3400, Gas Chromatograph

Applications:

GC3400 Gas Chromatograph, made according to international standards, its technical feature and index are in the world high level. The key components are imported from world famous suppliers. It is widely used for petrol-chemistry, environmental protection, epidemic prevention, pharmacology, scientific research, etc.

Features:

● Self-diagnostic function:

- 1) Core tests; 2) Automatic tests; 3) Extended tests; 4) Basic tests;
- Monitor the status of GC continuously. Once finding faults, it'll display the information and show the wrong zone and the settling method.

● Self-protective function:

- 1) Overrun temperature protection; 2) Short circuit hint; 3) TCD filament protection; 4) FID flameout hint; 5) PFD exposed-light protection; 6) Keyboard locking with password; etc., ensuring normal running

● Simple operation, powerful automation:

1) All parameters can be entered through keyboard with prompt function; 2) 4 sets of complete chromatography analysis methods can be stored and recalled automatically; An auto sampler can be connected; Parameters can be modified instantly while the GC is running; 5) Chromatography analysis method can be activated for 99 times repeatedly at the same time. It's especially suitable for unattended operation

● More choices of injectors:

1) On-Column Injector for Packed Column; 2) Flash Vaporization Injector for Packed Column 3) Automatic or manual gas inject valve; 4) Headspace sampler; 5) Thermal desorption system 6) Split/Splitless Capillary Injector; Three Injectors or two Split/Splitless Capillary Injectors can be fixed on GC

● More choices of detectors:

1) TCD; 2) FID; 3) ECD; 4) FPD; 5) TSD Maximum of two TCDs or three different kinds of detectors can be installed

● Reactor:

1) Internal; 2) external

● Time programming of detectors:

Each of detectors has 5-ramp programmable time control. Output-signal, attenuation range, and polarity can be set automatically

● Time programming of external events:

Providing 4 external events with 20-ramp, programmable time control. The optional GC relays may be used to automate valves, operate split/splitless capillary injectors, drive auxiliary devices, or switch signals between detector A and detector B in a run

● Many kind of special-purpose GC can be provided according to user's request.

Specifications:

● Column oven:

Operating temperature range: ambient temperature to 420°C; Dual opening-door at the back of column oven; Cooling time: 250°C to 50°C in 5 min; Programmable oven with 4-ramp temperature control; Temperature programming rate 0.1-50°C/min.

● Injector system:

Operating temperature range: ambient temperature to 420°C

● Thermal conductivity detector -TCD:

Maximum temperature: 420°C
Sensitivity: $\geq 12000 \text{mv} \cdot \text{mL/mg}$ (for butane)
Linear range: 10^5
Current range: 50 to 400mA

● Filament protection:

If He or H₂ carrier gas flow in the detector cell is cut off for 4 minutes, filament power will be shut off automatically.

● Flame ionization detector-FID:

Maximum temperature: 420°C
Minimum detectivity: $\leq 1.3 \times 10^{-12} \text{g/s}$ ($n\text{-C}_{16}$)
Linear range: 10^7
Flameout hint: monitoring the status of GC continuously after being turned on.

● Electron capture detector-ECD:

Maximum temperature: 420°C
Minimum detectivity: $\leq 0.1 \text{pg/mL}$ ($\gamma\text{-666}$)
Linear range: 10^4
Emission source: ^{63}Ni

● Flame photometric detector-FPD:

Maximum temperature: 420°C
Minimum detectivity:
[P] $\leq 1 \times 10^{-12} \text{g/s}$ (tributyl phosphate)
[S] $\leq 1 \times 10^{-10} \text{g/s}$ (p-methylsulfurphosphorous)
Linear range: [P]: 10^5 [S]: 10^3
Two air-hydrogen flames: For large volume injection or trace sample injection analyses;
Single air-hydrogen flame: sulfur sensitivity can be increased;
Direct output: for phosphorus or sulfur analyses;
Square-root output: for sulfur analyses;
Exposed-light protection:
When exposed-light current is more than 12pA, high voltage will be cut off automatically.

● Nitrogen-phosphorus detector-TSD:

Maximum temperature: 420°C
Minimum detectivity:
[N] $\leq 1 \times 10^{-13} \text{g/s}$ (azobenzene)
[P] $\leq 5 \times 10^{-14} \text{g/s}$ (malathion)
Linear range: [N]: 10^5 [P]: 10^4



GC3420A, Gas Chromatograph

Features:

- **Self-diagnostic function:**
 - 1) Core tests; 2) Automatic tests; 3) Extended tests; 4) Basic tests; Monitor the status of GC continuously. Once finding faults, it'll display the information and show the wrong zone and the settling method.
- **Self-protective function:**
 - 1) Overrun temperature protection; 2) Short circuit hint; 3) TCD filament protection; 4) FID flameout hint; 5) PFD exposed-light protection; 6) Keyboard locking with password; etc., ensuring normal running.
- **Simple operation, powerful automation:**
 - 1) All parameters can be entered through keyboard with prompt function; 2) 4 sets of complete chromatography analysis methods can be stored and recalled automatically; 3) An auto sampler can be connected; 4) Parameters can be modified instantly while the GC is running; 5) Chromatography analysis method can be activated for 99 times repeatedly at the same time its especially suitable for unattended operation.
- **More choices of injectors:**
 - 1) TCD; 2) FID; 3) ECD; 4) FPD 5) TSD

Maximum of two TCDs or three different kinds of detectors can be installed.
- **Reactor:**
 - 1) Internal; 2) external • Time programming of detectors: Each of detectors has 5-ramp programmable time control. Output-signal, attenuation range, and polarity

can be set automatically.

- **Time programming of external events:**

Providing 4 external events with 20-ramp programmable time control.

The optional GC relays may be used to automate valves, operate split/ splitless capillary injectors, drive auxiliary devices, or switch signals between detector A and detector B in a run.

- **Many kind of special-purpose GC can be provided according to user's request.**

Specifications:

- **Column oven:**

Operating temperature range: ambient temperature to 400°C;
Dual opening-door at the back of column oven;
Cooling time: 250°C to 50°C in 5 min;
Programmable oven with 4-ramp temperature control;
Temperature programming rate: 0.1~50°C/min

- **Injector system:**

Operating temperature range: ambient temperature to 400°C

- **Thermal conductivity detector -TCD:**

Maximum temperature: 400°C
Sensitivity: $\geq 10000 \text{mv} \cdot \text{mL/mg}$ (for butane)
Linear range: 10^5
Current range: 50 to 400mA

- **Filament protection:**

If He or H₂ carrier gas flow in the detector cell is cut off for 4 minutes, filament power will be shut off automatically.

- **Flame ionization detector-FID:**

Maximum temperature: 400°C
Minimum detectivity: $\leq 5 \times 10^{-12} \text{g/s}$ (n-C₁₆)
Linear range: 10^7
Flameout hint: monitoring the status of GC continuously after being turned on.

- **Electron capture detector-ECD:**

Maximum temperature: 400°C
Minimum detectivity: $\leq 0.1 \text{pg/mL}$ (y-666)
Linear range: 10^4
Emission source: 11 mC⁶³Ni

- **Flame photometric detector-FPD:**

Maximum temperature 400°C
Minimum detectivity:
[P] $\leq 2 \times 10^{-12} \text{g/s}$ (tributyl phosphate)
[S] $\leq 2 \times 10^{-10} \text{g/s}$ (p-methylsulfurphosoharous)
Linear range: [P]: 10^5 [S]: 10^3
Two air-hydrogen flames: For large volume injection or trace sample injection analyses;
Single air-hydrogen flame: sulfur sensitivity can be increased;
Direct output: for phosphorus or sulfur analyses;
Square-root output: for sulfur analyses;
Exposed-light protection:
When exposed-light current is more than 12pA, high voltage will be cut off automatically.

- **Nitrogen-phosphorus detector-TSD:**

Maximum temperature: 400°C
Minimum detectivity:
[N] $\leq 2 \times 10^{-13} \text{g/s}$ (azobenzene)
[P] $\leq 1 \times 10^{-13} \text{g/s}$ (malathion)
Linear range: [N]: 10^5 [P]: 10^4 .



HPLC8100, High Performance Liquid Chromatograph

Description:

- Scientific and reasonable function and structure design satisfy your needs for accuracy and reproducibility to the maximum.
- Building-block modular design enables easy use and convenient maintenance.
- Rich function PC control and chromatograph data processing software make it simple for instrument control and data processing.

Innovation:

- High pressure solvent delivery pump adopting electronic pulsation suppression technology displacing traditional mechanical buffer to thoroughly solve the problem caused by frequent leakage of mechanical buffer, and to reduce the dead volume of solvent delivery system to the minimum
- The wavelength positioning of Multi-wavelength UV-Vis detector is realized via the grating's turning which is directly controlled by the SCM (Single Chip Micryoco). It takes place the conventional sine-pole mechanism (monochromator), eliminating the error of wavelength positioning brought by the mechanical abrasion and returning error of the Guide-screw transmission, and also avoiding the monochromator's hitting accident which might be brought by false operation.

Performance:

High pressure pump:

- Advanced double-piston pump and electronic residual technique, greatly improves the flow rate precision and repeatability of the pump.
- Flow rate range: 0.001 —9.999mL/min in 0.001mL/min increments
- Structure: double-piston pump
- Flow rate precision: <0.5%
- Repeatability: <0.1%
- Pulsation: <0.04MPa
- Pressure range: 0~40MPa
- Gradient mode:
 - Low pressure gradient system up to 4 solvents and High pressure gradient system up to 2 solvents
- Remote control: RS-232 connector. PC control
- System protection: Soft Start, P min and P max adjustable
- Display: LCD , 2x16
- Dimensions (WxHxD): 350x190x210 mm.

Column Oven:

- Highest temperature establishing, overrun temperature alarming.
- Temperature control range: ambient - 100°C
- Temperature accuracy: $\pm 0.3.0$
- Safety setting-up: overrun temperature limit alarming
- Display: 4 bits LED (red-actual temperature, green-establishing temperature)
- Column: 2
- Remote control: RS-232 connector, PC control
- Inside dimensions (WxHxD): 50x380x50 mm
- Outside dimensions (WxHxD): 120x500x230 mm.

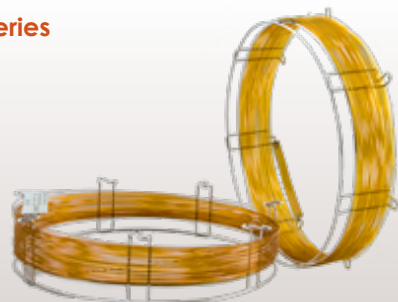
UV-Vis Detector:

- Time-programmed wavelength change function, realizing online wavelength switch.
- Baseline drift: 15×10^{-5} AU/h at 240nm. $t=1.0s$
- Structure: double-piston pump
- Baseline noise: 2×10^{-5} AU at 240nm, $t=1.0s$
- Wavelength range: 190~740nm. LA5-8rIM
- Wavelength accuracy: ± 1 nm
- Time constants: 0.1/0.2/0.5/1.0/2.0/5.0/10.0
- Analog output: ± 1 V
- Auto-zero range: full scale
- Light source: deuterium lamp
- Display: LCD , 2x16
- Dimensions (WxHxD): 350x190x210 mm.

PC control and Chromatograph data processing system:

- Complete PC control function, realizing parameter control and real-time monitoring to all parts, including column oven.
- Interface language can be switched between Chinese and English, with simple operation.
- Analytical task can be completed in single sampling, with automatic processing of chromatograph data and obtaining perfect spectra.
- Backstage operation function enables data processing to the existing spectra, while analysis is going on.
- The gradient program of the pump and wavelength time-program of the detector can be established.
- The test report format can be easily edited.
- Timer turn-off function is provided.

GC-Series



Model	Description
GC-1.096125.0001	CD-PONA capillary column (50m x 0.2mm x 0.5um)
GC-1.096155.0001	CD-PONA capillary column (100m x 0.25mm x 0.5um)
GC-1.103220.0001	CD-WAX capillary column (15m x 0.25mm x 0.25um)
GC-1.103221.0001	CD-WAX capillary column (30m x 0.25mm x 0.25um)
GC-1.103222.0001	CD-WAX capillary column (30m x 0.25mm x 0.5um)
GC-1.103223.0001	CD-WAX capillary column (30m x 0.25mm x 1.0um)
GC-1.103224.0001	CD-WAX capillary column (60m x 0.25mm x 0.25um)
GC-1.103225.0001	CD-WAX capillary column (60m x 0.25mm x 1.0um)
GC-1.103226.0001	CD-WAX capillary column (100m x 0.25mm x 0.25um)
GC-1.103227.0001	CD-WAX capillary column (15m x 0.32mm x 0.25um)
GC-1.103228.0001	CD-WAX capillary column (30m x 0.32mm x 0.25um)
GC-1.103229.0001	CD-WAX capillary column (30m x 0.32mm x 0.5um)
GC-1.103230.0001	CD-WAX capillary column (30m x 0.32mm x 1.0um)
GC-1.103231.0001	CD-WAX capillary column (30m x 0.32mm x 3.0um)
GC-1.103232.0001	CD-WAX capillary column (30m x 0.32mm x 5.0um)
GC-1.103233.0001	CD-WAX capillary column (60m x 0.32mm x 0.25um)
GC-1.103234.0001	CD-WAX capillary column (60m x 0.32mm x 0.5um)
GC-1.103235.0001	CD-WAX capillary column (60m x 0.32mm x 1.0um)
GC-1.103236.0001	CD-WAX capillary column (60m x 0.32mm x 3.0um)
GC-1.103237.0001	CD-WAX capillary column (60m x 0.32mm x 5.0um)
GC-1.103238.0001	CD-WAX capillary column (15m x 0.53mm x 0.5um)
GC-1.103239.0001	CD-WAX capillary column (15m x 0.53mm x 1.0um)
GC-1.103240.0001	CD-WAX capillary column (15m x 0.53mm x 1.5um)
GC-1.103241.0001	CD-WAX capillary column (15m x 0.53mm x 3.0um)
GC-1.103242.0001	CD-WAX capillary column (30m x 0.53mm x 0.5um)
GC-1.103243.0001	CD-WAX capillary column (30m x 0.53mm x 1.0um)
GC-1.103244.0001	CD-WAX capillary column (30m x 0.53mm x 1.5um)
GC-1.103245.0001	CD-WAX capillary column (30m x 0.53mm x 3.0um)
GC-1.103246.0001	CD-WAX capillary column (30m x 0.53mm x 5.0um)

Model	Description
GC-1.103247.0001	CD-WAX capillary column (50m x 0.53mm x 0.5um)
GC-1.103248.0001	CD-WAX capillary column (50m x 0.53mm x 2.65um)
GC-1.103249.0001	CD-WAX capillary column (50m x 0.53mm x 5.0um)
GC-1.103250.0001	CD-WAX capillary column (60m x 0.53mm x 0.5um)
GC-1.103251.0001	CD-WAX capillary column (60m x 0.53mm x 1.0um)
GC-1.103252.0001	CD-WAX capillary column (60m x 0.53mm x 1.5um)
GC-1.103253.0001	CD-WAX capillary column (60m x 0.53mm x 3.0um)
GC-1.103254.0001	CD-WAX capillary column (60m x 0.53mm x 5.0um)
GC-1.120310.0001	CD-1 capillary column (15m x 0.25mm x 0.25um)
GC-1.120312.0001	CD-1 capillary column (30m x 0.25mm x 0.25um)
GC-1.120313.0001	CD-1 capillary column (30m x 0.25mm x 0.5um)
GC-1.120314.0001	CD-1 capillary column (30m x 0.25mm x 1.0um)
GC-1.120315.0001	CD-1 capillary column (60m x 0.25mm x 0.25um)
GC-1.120316.0001	CD-1 capillary column (60m x 0.25mm x 1.0um)
GC-1.120317.0001	CD-1 capillary column (100m x 0.25mm x 0.25um)
GC-1.120318.0001	CD-1 capillary column (15m x 0.32mm x 0.25um)
GC-1.120319.0001	CD-1 capillary column (30m x 0.32mm x 0.25um)
GC-1.120320.0001	CD-1 capillary column (30m x 0.32mm x 0.5um)
GC-1.120321.0001	CD-1 capillary column (30m x 0.32mm x 1.0um)
GC-1.120322.0001	CD-1 capillary column (30m x 0.32mm x 3.0um)
GC-1.120323.0001	CD-1 capillary column (30m x 0.32mm x 5.0um)
GC-1.120324.0001	CD-1 capillary column (60m x 0.32mm x 0.25um)
GC-1.120325.0001	CD-1 capillary column (60m x 0.32mm x 0.5um)
GC-1.120326.0001	CD-1 capillary column (60m x 0.32mm x 1.0um)
GC-1.120327.0001	CD-1 capillary column (60m x 0.32mm x 3.0um)
GC-1.120328.0001	CD-1 capillary column (60m x 0.32mm x 5.0um)
GC-1.120329.0001	CD-1 capillary column (15m x 0.53mm x 0.5um)
GC-1.120330.0001	CD-1 capillary column (15m x 0.53mm x 1.0um)
GC-1.120331.0001	CD-1 capillary column (15m x 0.53mm x 1.5um)
GC-1.120332.0001	CD-1 capillary column (15m x 0.53mm x 3.0um)
GC-1.120333.0001	CD-1 capillary column (30m x 0.53mm x 0.5um)
GC-1.120334.0001	CD-1 capillary column (30m x 0.53mm x 1.0um)
GC-1.120335.0001	CD-1 capillary column (30m x 0.53mm x 1.5um)
GC-1.120336.0001	CD-1 capillary column (30m x 0.53mm x 3.0um)
GC-1.120337.0001	CD-1 capillary column (30m x 0.53mm x 5.0um)
GC-1.120338.0001	CD-1 capillary column (50m x 0.53mm x 0.5um)
GC-1.120339.0001	CD-1 capillary column (50m x 0.53mm x 2.65um)

Model	Description
GC-1.120340.0001	CD-1 capillary column (50m x 0.53mm x 5.0um)
GC-1.120341.0001	CD-1 capillary column (60m x 0.53mm x 0.5um)
GC-1.120342.0001	CD-1 capillary column (60m x 0.53mm x 1.0um)
GC-1.120343.0001	CD-1 capillary column (60m x 0.53mm x 1.5um)
GC-1.120344.0001	CD-1 capillary column (60m x 0.53mm x 3.0um)
GC-1.120345.0001	CD-1 capillary column (60m x 0.53mm x 5.0um)
GC-1.130121.0001	CD-1301 capillary column (15m x 0.25mm x 0.25um)
GC-1.130122.0001	CD-1301 capillary column (30m x 0.25mm x 0.25um)
GC-1.130123.0001	CD-1301 capillary column (30m x 0.25mm x 0.5um)
GC-1.130124.0001	CD-1301 capillary column (30m x 0.25mm x 1.0um)
GC-1.130125.0001	CD-1301 capillary column (60m x 0.25mm x 0.25um)
GC-1.130126.0001	CD-1301 capillary column (60m x 0.25mm x 1.0um)
GC-1.130127.0001	CD-1301 capillary column (100m x 0.25mm x 0.25um)
GC-1.130128.0001	CD-1301 capillary column (15m x 0.32mm x 0.25um)
GC-1.130129.0001	CD-1301 capillary column (30m x 0.32mm x 0.25um)
GC-1.130130.0001	CD-1301 capillary column (30m x 0.32mm x 0.5um)
GC-1.130131.0001	CD-1301 capillary column (30m x 0.32mm x 1.0um)
GC-1.130132.0001	CD-1301 capillary column (30m x 0.32mm x 3.0um)
GC-1.130133.0001	CD-1301 capillary column (30m x 0.32mm x 5.0um)
GC-1.130134.0001	CD-1301 capillary column (60m x 0.32mm x 0.25um)
GC-1.130135.0001	CD-1301 capillary column (60m x 0.32mm x 0.5um)
GC-1.130136.0001	CD-1301 capillary column (60m x 0.32mm x 1.0um)
GC-1.130137.0001	CD-1301 capillary column (60m x 0.32mm x 3.0um)
GC-1.130138.0001	CD-1301 capillary column (60m x 0.32mm x 5.0um)
GC-1.130139.0001	CD-1301 capillary column (15m x 0.53mm x 0.5um)
GC-1.130140.0001	CD-1301 capillary column (15m x 0.53mm x 1.0um)
GC-1.130141.0001	CD-1301 capillary column (15m x 0.53mm x 1.5um)
GC-1.130142.0001	CD-1301 capillary column (15m x 0.53mm x 3.0um)
GC-1.130143.0001	CD-1301 capillary column (30m x 0.53mm x 0.5um)
GC-1.130144.0001	CD-1301 capillary column (30m x 0.53mm x 1.0um)
GC-1.130146.0001	CD-1301 capillary column (30m x 0.53mm x 3.0um)
GC-1.130147.0001	CD-1301 capillary column (30m x 0.53mm x 5.0um)
GC-1.130148.0001	CD-1301 capillary column (50m x 0.53mm x 0.5um)
GC-1.130149.0001	CD-1301 capillary column (50m x 0.53mm x 2.65um)
GC-1.130150.0001	CD-1301 capillary column (50m x 0.53mm x 5.0um)

Model	Description
GC-1.130151.0001	CD-1301 capillary column (60m x 0.53mm x 0.5um)
GC-1.130152.0001	CD-1301 capillary column (60m x 0.53mm x 1.0um)
GC-1.130153.0001	CD-1301 capillary column (60m x 0.53mm x 1.5um)
GC-1.130154.0001	CD-1301 capillary column (60m x 0.53mm x 3.0um)
GC-1.130155.0001	CD-1301 capillary column (60m x 0.53mm x 5.0um)
GC-1.154631.0001	CD-1MS capillary column (15m x 0.25mm x 0.25um)
GC-1.154632.0001	CD-1MS capillary column (30m x 0.25mm x 0.25um)
GC-1.154633.0001	CD-1MS capillary column (30m x 0.25mm x 0.5um)
GC-1.154634.0001	CD-1MS capillary column (30m x 0.25mm x 1.0um)
GC-1.154635.0001	CD-1MS capillary column (60m x 0.25mm x 0.25um)
GC-1.154636.0001	CD-1MS capillary column (60m x 0.25mm x 1.0um)
GC-1.154637.0001	CD-1MS capillary column (100m x 0.25mm x 0.25um)
GC-1.154638.0001	CD-1MS capillary column (15m x 0.32mm x 0.25um)
GC-1.154639.0001	CD-1MS capillary column (30m x 0.32mm x 0.25um)
GC-1.154640.0001	CD-1MS capillary column (30m x 0.32mm x 0.5um)
GC-1.154641.0001	CD-1MS capillary column (30m x 0.32mm x 1.0um)
GC-1.154642.0001	CD-1MS capillary column (30m x 0.32mm x 3.0um)
GC-1.154643.0001	CD-1MS capillary column (30m x 0.32mm x 5.0um)
GC-1.154644.0001	CD-1MS capillary column (60m x 0.32mm x 0.25um)
GC-1.154645.0001	CD-1MS capillary column (60m x 0.32mm x 0.5um)
GC-1.154646.0001	CD-1MS capillary column (60m x 0.32mm x 1.0um)
GC-1.154647.0001	CD-1MS capillary column (60m x 0.32mm x 3.0um)
GC-1.154648.0001	CD-1MS capillary column (60m x 0.32mm x 5.0um)
GC-1.154649.0001	CD-1MS capillary column (15m x 0.53mm x 0.5um)
GC-1.154650.0001	CD-1MS capillary column (15m x 0.53mm x 1.0um)
GC-1.154651.0001	CD-1MS capillary column (15m x 0.53mm x 1.5um)
GC-1.154652.0001	CD-1MS capillary column (15m x 0.53mm x 3.0um)
GC-1.154653.0001	CD-1MS capillary column (30m x 0.53mm x 0.5um)
GC-1.154654.0001	CD-1MS capillary column (30m x 0.53mm x 1.0um)
GC-1.154655.0001	CD-1MS capillary column (30m x 0.53mm x 1.5um)
GC-1.154656.0001	CD-1MS capillary column (30m x 0.53mm x 3.0um)
GC-1.154657.0001	CD-1MS capillary column (30m x 0.53mm x 5.0um)
GC-1.154658.0001	CD-1MS capillary column (50m x 0.53mm x 0.5um)
GC-1.154659.0001	CD-1MS capillary column (50m x 0.53mm x 2.65um)
GC-1.154660.0001	CD-1MS capillary column (50m x 0.53mm x 5.0um)
GC-1.154661.0001	CD-1MS capillary column (60m x 0.53mm x 0.5um)

Model	Description
GC-1.154662.0001	CD-1MS capillary column (60m x 0.53mm x 1.0um)
GC-1.154663.0001	CD-1MS capillary column (60m x 0.53mm x 1.5um)
GC-1.154664.0001	CD-1MS capillary column (60m x 0.53mm x 3.0um)
GC-1.154664.0001	CD-1MS capillary column (60m x 0.53mm x 3.0um)
GC-1.154665.0001	CD-1MS capillary column (60m x 0.53mm x 5.0um)
GC-1.170171.0001	CD-1701 capillary column (15m x 0.25mm x 0.25um)
GC-1.170172.0001	CD-1701 capillary column (30m x 0.25mm x 0.25um)
GC-1.170173.0001	CD-1701 capillary column (30m x 0.25mm x 0.5um)
GC-1.170174.0001	CD-1701 capillary column (30m x 0.25mm x 1.0um)
GC-1.170175.0001	CD-1701 capillary column (60m x 0.25mm x 0.25um)
GC-1.170176.0001	CD-1701 capillary column (60m x 0.25mm x 1.0um)
GC-1.170177.0001	CD-1701 capillary column (100m x 0.25mm x 0.25um)
GC-1.170178.0001	CD-1701 capillary column (15m x 0.32mm x 0.25um)
GC-1.170179.0001	CD-1701 capillary column (30m x 0.32mm x 0.25um)
GC-1.170180.0001	CD-1701 capillary column (30m x 0.32mm x 0.5um)
GC-1.170181.0001	CD-1701 capillary column (30m x 0.32mm x 1.0um)
GC-1.170182.0001	CD-1701 capillary column (30m x 0.32mm x 3.0um)
GC-1.170183.0001	CD-1701 capillary column (30m x 0.32mm x 5.0um)
GC-1.170184.0001	CD-1701 capillary column (60m x 0.32mm x 0.25um)
GC-1.170185.0001	CD-1701 capillary column (60m x 0.32mm x 0.5um)
GC-1.170186.0001	CD-1701 capillary column (60m x 0.32mm x 1.0um)
GC-1.170187.0001	CD-1701 capillary column (60m x 0.32mm x 3.0um)
GC-1.170188.0001	CD-1701 capillary column (60m x 0.32mm x 5.0um)
GC-1.170189.0001	CD-1701 capillary column (15m x 0.53mm x 0.5um)
GC-1.170190.0001	CD-1701 capillary column (15m x 0.53mm x 1.0um)
GC-1.170191.0001	CD-1701 capillary column (15m x 0.53mm x 1.5um)
GC-1.170192.0001	CD-1701 capillary column (15m x 0.53mm x 3.0um)
GC-1.170193.0001	CD-1701 capillary column (30m x 0.53mm x 0.5um)
GC-1.170194.0001	CD-1701 capillary column (30m x 0.53mm x 1.0um)
GC-1.170195.0001	CD-1701 capillary column (30m x 0.53mm x 1.5um)
GC-1.170196.0001	CD-1701 capillary column (30m x 0.53mm x 3.0um)
GC-1.170197.0001	CD-1701 capillary column (30m x 0.53mm x 5.0um)
GC-1.170198.0001	CD-1701 capillary column (50m x 0.53mm x 0.5um)
GC-1.170199.0001	CD-1701 capillary column (50m x 0.53mm x 2.65um)
GC-1.170200.0001	CD-1701 capillary column (50m x 0.53mm x 5.0um)

Model	Description
GC-1.170201.0001	CD-1701 capillary column (60m x 0.53mm x 0.5um)
GC-1.170202.0001	CD-1701 capillary column (60m x 0.53mm x 1.0um)
GC-1.170203.0001	CD-1701 capillary column (60m x 0.53mm x 1.5um)
GC-1.170204.0001	CD-1701 capillary column (60m x 0.53mm x 3.0um)
GC-1.170205.0001	CD-1701 capillary column (60m x 0.53mm x 5.0um)
GC-1.210991.0001	CD-210 capillary column (15m x 0.25mm x 0.25um)
GC-1.210992.0001	CD-210 capillary column (30m x 0.25mm x 0.25um)
GC-1.210993.0001	CD-210 capillary column (30m x 0.25mm x 0.5um)
GC-1.210994.0001	CD-210 capillary column (30m x 0.25mm x 1.0um)
GC-1.210995.0001	CD-210 capillary column (60m x 0.25mm x 0.25um)
GC-1.210996.0001	CD-210 capillary column (60m x 0.25mm x 1.0um)
GC-1.210997.0001	CD-210 capillary column (100m x 0.25mm x 0.25um)
GC-1.210998.0001	CD-210 capillary column (15m x 0.32mm x 0.25um)
GC-1.210999.0001	CD-210 capillary column (30m x 0.32mm x 0.25um)
GC-1.211000.0001	CD-210 capillary column (30m x 0.32mm x 0.5um)
GC-1.211001.0001	CD-210 capillary column (30m x 0.32mm x 1.0um)
GC-1.211002.0001	CD-210 capillary column (30m x 0.32mm x 3.0um)
GC-1.211003.0001	CD-210 capillary column (30m x 0.32mm x 5.0um)
GC-1.211004.0001	CD-210 capillary column (60m x 0.32mm x 0.25um)
GC-1.211005.0001	CD-210 capillary column (60m x 0.32mm x 0.5um)
GC-1.211006.0001	CD-210 capillary column (60m x 0.32mm x 1.0um)
GC-1.211007.0001	CD-210 capillary column (60m x 0.32mm x 3.0um)
GC-1.211008.0001	CD-210 capillary column (60m x 0.32mm x 5.0um)
GC-1.211009.0001	CD-210 capillary column (15m x 0.53mm x 0.5um)
GC-1.211010.0001	CD-210 capillary column (15m x 0.53mm x 1.0um)
GC-1.211011.0001	CD-210 capillary column (15m x 0.53mm x 1.5um)
GC-1.211012.0001	CD-210 capillary column (15m x 0.53mm x 3.0um)
GC-1.211013.0001	CD-210 capillary column (30m x 0.53mm x 0.5um)
GC-1.211014.0001	CD-210 capillary column (30m x 0.53mm x 1.0um)
GC-1.211015.0001	CD-210 capillary column (30m x 0.53mm x 1.5um)
GC-1.211016.0001	CD-210 capillary column (30m x 0.53mm x 3.0um)
GC-1.211017.0001	CD-210 capillary column (30m x 0.53mm x 5.0um)
GC-1.211018.0001	CD-210 capillary column (50m x 0.53mm x 0.5um)
GC-1.211019.0001	CD-210 capillary column (50m x 0.53mm x 2.65um)
GC-1.211020.0001	CD-210 capillary column (50m x 0.53mm x 5.0um)

Model	Description
GC-1.211021.0001	CD-210 capillary column (60m x 0.53mm x 0.5um)
GC-1.211022.0001	CD-210 capillary column (60m x 0.53mm x 1.0um)
GC-1.211023.0001	CD-210 capillary column (60m x 0.53mm x 1.5um)
GC-1.211024.0001	CD-210 capillary column (60m x 0.53mm x 3.0um)
GC-1.211025.0001	CD-210 capillary column (60m x 0.53mm x 5.0um)
GC-1.225101.0001	CD-225 capillary column (15m x 0.25mm x 0.25um)
GC-1.225102.0001	CD-225 capillary column (30m x 0.25mm x 0.25um)
GC-1.225103.0001	CD-225 capillary column (30m x 0.25mm x 0.5um)
GC-1.225104.0001	CD-225 capillary column (30m x 0.25mm x 1.0um)
GC-1.225105.0001	CD-225 capillary column (60m x 0.25mm x 0.25um)
GC-1.225106.0001	CD-225 capillary column (60m x 0.25mm x 1.0um)
GC-1.225107.0001	CD-225 capillary column (100m x 0.25mm x 0.25um)
GC-1.225108.0001	CD-225 capillary column (15m x 0.32mm x 0.25um)
GC-1.225109.0001	CD-225 capillary column (30m x 0.32mm x 0.25um)
GC-1.225110.0001	CD-225 capillary column (30m x 0.32mm x 0.5um)
GC-1.225111.0001	CD-225 capillary column (30m x 0.32mm x 1.0um)
GC-1.225112.0001	CD-225 capillary column (30m x 0.32mm x 3.0um)
GC-1.225113.0001	CD-225 capillary column (30m x 0.32mm x 5.0um)
GC-1.225114.0001	CD-225 capillary column (60m x 0.32mm x 0.25um)
GC-1.225115.0001	CD-225 capillary column (60m x 0.32mm x 0.50um)
GC-1.225116.0001	CD-225 capillary column (60m x 0.32mm x 1.0um)
GC-1.225117.0001	CD-225 capillary column (60m x 0.32mm x 3.0um)
GC-1.225118.0001	CD-225 capillary column (60m x 0.32mm x 5.0um)
GC-1.225119.0001	CD-225 capillary column (15m x 0.53mm x 0.5um)
GC-1.225120.0001	CD-225 capillary column (15m x 0.53mm x 1.0um)
GC-1.225121.0001	CD-225 capillary column (15m x 0.53mm x 1.5um)
GC-1.225122.0001	CD-225 capillary column (15m x 0.53mm x 3.0um)
GC-1.225123.0001	CD-225 capillary column (30m x 0.53mm x 0.5um)
GC-1.225124.0001	CD-225 capillary column (30m x 0.53mm x 1.0um)
GC-1.225125.0001	CD-225 capillary column (30m x 0.53mm x 1.5um)
GC-1.225126.0001	CD-225 capillary column (30m x 0.53mm x 3.0um)
GC-1.225127.0001	CD-225 capillary column (30m x 0.53mm x 5.0um)
GC-1.225128.0001	CD-225 capillary column (50m x 0.53mm x 0.5um)
GC-1.225129.0001	CD-225 capillary column (50m x 0.53mm x 2.65um)
GC-1.225130.0001	CD-225 capillary column (50m x 0.53mm x 5.0um)

Model	Description
GC-1.225131.0001	CD-225 capillary column (60m x 0.53mm x 0.5um)
GC-1.225132.0001	CD-225 capillary column (60m x 0.53mm x 1.0um)
GC-1.225133.0001	CD-225 capillary column (60m x 0.53mm x 1.5um)
GC-1.225134.0001	CD-225 capillary column (60m x 0.53mm x 3.0um)
GC-1.225135.0001	CD-225 capillary column (60m x 0.53mm x 5.0um)
GC-1.232415.0001	CD-AL ₂ O ₃ /Na ₂ SO ₄ capillary column (15m x 0.32mm x 10um)
GC-1.232416.0001	CD-AL ₂ O ₃ /Na ₂ SO ₄ capillary column (30m x 0.32mm x 10um)
GC-1.232417.0001	CD-AL ₂ O ₃ /Na ₂ SO ₄ capillary column (50m x 0.32mm x 10um)
GC-1.232418.0001	CD-AL ₂ O ₃ /Na ₂ SO ₄ capillary column (15m x 0.53mm x 20um)
GC-1.232419.0001	CD-AL ₂ O ₃ /Na ₂ SO ₄ capillary column (30m x 0.53mm x 20um)
GC-1.232420.0001	CD-AL ₂ O ₃ /Na ₂ SO ₄ capillary column (50m x 0.53mm x 20um)
GC-1.232422.0001	CD-AL ₂ O ₃ /KCl capillary column (15m x 0.32mm x 10um)
GC-1.232423.0001	CD-AL ₂ O ₃ /KCl capillary column (30m x 0.32mm x 10um)
GC-1.232424.0001	CD-AL ₂ O ₃ /KCl capillary column (50m x 0.32mm x 10um)
GC-1.232425.0001	CD-AL ₂ O ₃ /KCl capillary column (15m x 0.53mm x 20um)
GC-1.232426.0001	CD-AL ₂ O ₃ /KCl capillary column (30m x 0.53mm x 20um)
GC-1.232427.0001	CD-AL ₂ O ₃ /KCl capillary column (50m x 0.53mm x 20um)
GC-1.232429.0001	CD-Molesieve capillary column (15m x 0.32mm x 10um)
GC-1.232431.0001	CD-Molesieve capillary column (50m x 0.32mm x 10um)
GC-1.232432.0001	CD-Molesieve capillary column (15m x 0.53mm x 20um)
GC-1.232433.0001	CD-Molesieve capillary column (30m x 0.53mm x 20um)
GC-1.232434.0001	CD-Molesieve capillary column (50m x 0.53mm x 20um)
GC-1.232436.0001	CD-PLOT Q capillary column (15m x 0.32mm x 10um)
GC-1.232437.0001	CD-PLOT Q capillary column (30m x 0.32mm x 10um)
GC-1.232438.0001	CD-PLOT Q capillary column (50m x 0.32mm x 10um)
GC-1.232439.0001	CD-PLOT Q capillary column (15m x 0.53mm x 20um)
GC-1.232440.0001	CD-PLOT Q capillary column (15m x 0.53mm x 20um)
GC-1.232441.0001	CD-PLOT Q capillary column (15m x 0.53mm x 20um)
GC-1.232443.0001	CD-PLOT U capillary column (15m x 0.32mm x 10um)
GC-1.232444.0001	CD-PLOT U capillary column (30m x 0.32mm x 10um)
GC-1.232445.0001	CD-PLOT U capillary column (50m x 0.32mm x 10um)
GC-1.232446.0001	CD-PLOT U capillary column (15m x 0.53mm x 20um)
GC-1.232447.0001	CD-PLOT U capillary column (30m x 0.53mm x 20um)
GC-1.232448.0001	CD-PLOT U capillary column (50m x 0.53mm x 20um)
GC-1.288710.0001	CD-2887 capillary column (5m x 0.53mm x 1.0um)

Model	Description
GC-1.288711.0001	CD-2887 capillary column (5m x 0.53mm x 3.0um)
GC-1.288712.0001	CD-2887 capillary column (10m x 0.53mm x 0.1um)
GC-1.288713.0001	CD-2887 capillary column (10m x 0.53mm x 0.5um)
GC-1.288714.0001	CD-2887 capillary column (10m x 0.53mm x 1.0um)
GC-1.288715.0001	CD-2887 capillary column (10m x 0.53mm x 3.0um)
GC-1.302510.0001	CD-VOC capillary column (30m x 0.25mm x 1.0um)
GC-1.302511.0001	CD-VOC capillary column (60m x 0.25mm x 1.0um)
GC-1.302512.0001	CD-VOC capillary column (30m x 0.32mm x 1.0um)
GC-1.302513.0001	CD-VOC capillary column (30m x 0.32mm x 1.8um)
GC-1.302514.0001	CD-VOC capillary column (60m x 0.32mm x 1.0um)
GC-1.302515.0001	CD-VOC capillary column (60m x 0.32mm x 1.8um)
GC-1.302516.0001	CD-VOC capillary column (100m x 0.32mm x 1.0um)
GC-1.302517.0001	CD-VOC capillary column (100m x 0.32mm x 1.8um)
GC-1.302518.0001	CD-VOC capillary column (30m x 0.53mm x 1.5um)
GC-1.302519.0001	CD-VOC capillary column (30m x 0.53mm x 3.0um)
GC-1.302520.0001	CD-VOC capillary column (60m x 0.53mm x 1.5um)
GC-1.302521.0001	CD-VOC capillary column (60m x 0.53mm x 3.0um)
GC-1.302522.0001	CD-VOC capillary column (100m x 0.53mm x 1.5um)
GC-1.302523.0001	CD-VOC capillary column (100m x 0.53mm x 3.0um)
GC-1.355341.0001	CD-35 capillary column (15m x 0.25mm x 0.25um)
GC-1.355342.0001	CD-35 capillary column (30m x 0.25mm x 0.25um)
GC-1.355343.0001	CD-35 capillary column (30m x 0.25mm x 0.5um)
GC-1.355344.0001	CD-35 capillary column (30m x 0.25mm x 1.0um)
GC-1.355345.0001	CD-35 capillary column (60m x 0.25mm x 0.25um)
GC-1.355346.0001	CD-35 capillary column (60m x 0.25mm x 1.0um)
GC-1.355347.0001	CD-35 capillary column (100m x 0.25mm x 0.25um)
GC-1.355348.0001	CD-35 capillary column (15m x 0.32mm x 0.25um)
GC-1.355349.0001	CD-35 capillary column (30m x 0.32mm x 0.25um)
GC-1.355350.0001	CD-35 capillary column (30m x 0.32mm x 0.5um)
GC-1.355351.0001	CD-35 capillary column (30m x 0.32mm x 1.0um)
GC-1.355352.0001	CD-35 capillary column (30m x 0.32mm x 3.0um)
GC-1.355353.0001	CD-35 capillary column (30m x 0.32mm x 5.0um)
GC-1.355354.0001	CD-35 capillary column (60m x 0.32mm x 0.25um)
GC-1.355355.0001	CD-35 capillary column (60m x 0.32mm x 0.5um)
GC-1.355356.0001	CD-35 capillary column (60m x 0.32mm x 1.0um)

Model	Description
GC-1.355357.0001	CD-35 capillary column (60m x 0.32mm x 3.0um)
GC-1.355358.0001	CD-35 capillary column (60m x 0.32mm x 5.0um)
GC-1.355359.0001	CD-35 capillary column (15m x 0.53mm x 0.5um)
GC-1.355360.0001	CD-35 capillary column (15m x 0.53mm x 1.0um)
GC-1.355361.0001	CD-35 capillary column (15m x 0.53mm x 1.5um)
GC-1.355362.0001	CD-35 capillary column (15m x 0.53mm x 3.0um)
GC-1.355363.0001	CD-35 capillary column (30m x 0.53mm x 0.5um)
GC-1.355364.0001	CD-35 capillary column (30m x 0.53mm x 1.0um)
GC-1.355365.0001	CD-35 capillary column (30m x 0.53mm x 1.5um)
GC-1.355366.0001	CD-35 capillary column (30m x 0.53mm x 3.0um)
GC-1.355367.0001	CD-35 capillary column (30m x 0.53mm x 5.0um)
GC-1.355368.0001	CD-35 capillary column (50m x 0.53mm x 0.5um)
GC-1.355369.0001	CD-35 capillary column (50m x 0.53mm x 2.65um)
GC-1.355370.0001	CD-35 capillary column (50m x 0.53mm x 5.0um)
GC-1.355371.0001	CD-35 capillary column (60m x 0.53mm x 0.5um)
GC-1.355372.0001	CD-35 capillary column (60m x 0.53mm x 1.0um)
GC-1.355373.0001	CD-35 capillary column (60m x 0.53mm x 1.5um)
GC-1.355374.0001	CD-35 capillary column (60m x 0.53mm x 3.0um)
GC-1.355375.0001	CD-35 capillary column (60m x 0.53mm x 5.0um)
GC-1.355411.0001	CD-35MS capillary column (15m x 0.25mm x 0.25um)
GC-1.355412.0001	CD-35MS capillary column (30m x 0.25mm x 0.25um)
GC-1.355413.0001	CD-35MS capillary column (30m x 0.25mm x 0.5um)
GC-1.355414.0001	CD-35MS capillary column (30m x 0.25mm x 1.0um)
GC-1.355415.0001	CD-35MS capillary column (60m x 0.25mm x 0.25um)
GC-1.355416.0001	CD-35MS capillary column (60m x 0.25mm x 1.0um)
GC-1.355417.0001	CD-35MS capillary column (100m x 0.25mm x 0.25um)
GC-1.355418.0001	CD-35MS capillary column (15m x 0.32mm x 0.25um)
GC-1.355419.0001	CD-35MS capillary column (30m x 0.32mm x 0.25um)
GC-1.355420.0001	CD-35MS capillary column (30m x 0.32mm x 0.5um)
GC-1.355421.0001	CD-35MS capillary column (30m x 0.32mm x 1.0um)
GC-1.355422.0001	CD-35MS capillary column (30m x 0.32mm x 3.0um)
GC-1.355423.0001	CD-35MS capillary column (30m x 0.32mm x 5.0um)
GC-1.355424.0001	CD-35MS capillary column (60m x 0.32mm x 0.25um)
GC-1.355425.0001	CD-35MS capillary column (60m x 0.32mm x 0.5um)
GC-1.355426.0001	CD-35MS capillary column (60m x 0.32mm x 1.0um)

Model	Description
GC-1.355427.0001	CD-35MS capillary column (60m x 0.32mm x 3.0um)
GC-1.355428.0001	CD-35MS capillary column (60m x 0.32mm x 5.0um)
GC-1.355429.0001	CD-35MS capillary column (15m x 0.53mm x 0.5um)
GC-1.355430.0001	CD-35MS capillary column (15m x 0.53mm x 1.0um)
GC-1.355431.0001	CD-35MS capillary column (15m x 0.53mm x 1.5um)
GC-1.355432.0001	CD-35MS capillary column (15m x 0.53mm x 3.0um)
GC-1.355433.0001	CD-35MS capillary column (30m x 0.53mm x 0.5um)
GC-1.355434.0001	CD-35MS capillary column (30m x 0.53mm x 1.0um)
GC-1.355435.0001	CD-35MS capillary column (30m x 0.53mm x 1.5um)
GC-1.355436.0001	CD-35MS capillary column (30m x 0.53mm x 3.0um)
GC-1.355437.0001	CD-35MS capillary column (30m x 0.53mm x 5.0um)
GC-1.355438.0001	CD-35MS capillary column (50m x 0.53mm x 0.5um)
GC-1.355439.0001	CD-35MS capillary column (50m x 0.53mm x 2.65um)
GC-1.355440.0001	CD-35MS capillary column (50m x 0.53mm x 5.0um)
GC-1.355441.0001	CD-35MS capillary column (60m x 0.53mm x 0.5um)
GC-1.355442.0001	CD-35MS capillary column (60m x 0.53mm x 1.0um)
GC-1.355443.0001	CD-35MS capillary column (60m x 0.53mm x 1.5um)
GC-1.355444.0001	CD-35MS capillary column (60m x 0.53mm x 3.0um)
GC-1.355445.0001	CD-35MS capillary column (60m x 0.53mm x 5.0um)
GC-1.448134.0001	CD-ACIDWAX capillary column (15m x 0.25mm x 0.25um)
GC-1.448135.0001	CD-ACIDWAX capillary column (30m x 0.25mm x 0.25um)
GC-1.448136.0001	CD-ACIDWAX capillary column (30m x 0.25mm x 0.5um)
GC-1.448137.0001	CD-ACIDWAX capillary column (30m x 0.25mm x 1.0um)
GC-1.448138.0001	CD-ACIDWAX capillary column (60m x 0.25mm x 0.25um)
GC-1.448139.0001	CD-ACIDWAX capillary column (60m x 0.25mm x 1.0um)
GC-1.448140.0001	CD-ACIDWAX capillary column (100m x 0.25mm x 0.25um)
GC-1.448141.0001	CD-ACIDWAX capillary column (15m x 0.32mm x 0.25um)
GC-1.448142.0001	CD-ACIDWAX capillary column (30m x 0.32mm x 0.25um)
GC-1.448143.0001	CD-ACIDWAX capillary column (30m x 0.32mm x 0.5um)
GC-1.448144.0001	CD-ACIDWAX capillary column (30m x 0.32mm x 1.0um)
GC-1.448145.0001	CD-ACIDWAX capillary column (30m x 0.32mm x 3.0um)
GC-1.448146.0001	CD-ACIDWAX capillary column (30m x 0.32mm x 5.0um)
GC-1.448147.0001	CD-ACIDWAX capillary column (60m x 0.32mm x 0.25um)
GC-1.448148.0001	CD-ACIDWAX capillary column (60m x 0.32mm x 0.5um)
GC-1.448149.0001	CD-ACIDWAX capillary column (60m x 0.32mm x 1.0um)

Model	Description
GC-1.448150.0001	CD-ACIDWAX capillary column (60m x 0.32mm x 3.0um)
GC-1.448151.0001	CD-ACIDWAX capillary column (60m x 0.32mm x 5.0um)
GC-1.448152.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 0.5um)
GC-1.448153.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 1.0um)
GC-1.448154.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 1.5um)
GC-1.448155.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 3.0um)
GC-1.448156.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 0.5um)
GC-1.448157.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 1.0um)
GC-1.448158.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 1.5um)
GC-1.448159.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 3.0um)
GC-1.448160.0001	CD-ACIDWAX capillary column (15m x 0.53mm x 5.0um)
GC-1.448161.0001	CD-ACIDWAX capillary column (50m x 0.53mm x 0.5um)
GC-1.448162.0001	CD-ACIDWAX capillary column (50m x 0.53mm x 2.65um)
GC-1.448163.0001	CD-ACIDWAX capillary column (50m x 0.53mm x 5.0um)
GC-1.448164.0001	CD-ACIDWAX capillary column (60m x 0.53mm x 0.5um)
GC-1.448165.0001	CD-ACIDWAX capillary column (60m x 0.53mm x 1.0um)
GC-1.448166.0001	CD-ACIDWAX capillary column (60m x 0.53mm x 1.5um)
GC-1.448167.0001	CD-ACIDWAX capillary column (60m x 0.53mm x 3.0um)
GC-1.448168.0001	CD-ACIDWAX capillary column (60m x 0.53mm x 5.0um)
GC-1.501221.0001	CD-50 capillary column (15m x 0.25mm x 0.25um)
GC-1.501222.0001	CD-50 capillary column (30m x 0.25mm x 0.25um)
GC-1.501223.0001	CD-50 capillary column (30m x 0.25mm x 0.5um)
GC-1.501224.0001	CD-50 capillary column (30m x 0.25mm x 1.0um)
GC-1.501225.0001	CD-50 capillary column (60m x 0.25mm x 0.25um)
GC-1.501226.0001	CD-50 capillary column (60m x 0.25mm x 1.0um)
GC-1.501227.0001	CD-50 capillary column (100m x 0.25mm x 0.25um)
GC-1.501228.0001	CD-50 capillary column (15m x 0.32mm x 0.25um)
GC-1.501229.0001	CD-50 capillary column (30m x 0.32mm x 0.25um)
GC-1.501230.0001	CD-50 capillary column (30m x 0.32mm x 0.5um)
GC-1.501231.0001	CD-50 capillary column (30m x 0.32mm x 1.0um)
GC-1.501232.0001	CD-50 capillary column (30m x 0.32mm x 3.0um)
GC-1.501233.0001	CD-50 capillary column (30m x 0.32mm x 5.0um)
GC-1.501224.0001	CD-50 capillary column (30m x 0.25mm x 1.0um)
GC-1.501225.0001	CD-50 capillary column (60m x 0.25mm x 0.25um)
GC-1.501226.0001	CD-50 capillary column (60m x 0.25mm x 1.0um)
GC-1.501227.0001	CD-50 capillary column (100m x 0.25mm x 0.25um)

Model	Description
GC-1.501228.0001	CD-50 capillary column (15m x 0.32mm x 0.25um)
GC-1.501229.0001	CD-50 capillary column (30m x 0.32mm x 0.25um)
GC-1.501230.0001	CD-50 capillary column (30m x 0.32mm x 0.5um)
GC-1.501231.0001	CD-50 capillary column (30m x 0.32mm x 1.0um)
GC-1.501232.0001	CD-50 capillary column (30m x 0.32mm x 3.0um)
GC-1.501233.0001	CD-50 capillary column (30m x 0.32mm x 5.0um)
GC-1.501234.0001	CD-50 capillary column (60m x 0.32mm x 0.25um)
GC-1.501235.0001	CD-50 capillary column (60m x 0.32mm x 0.50um)
GC-1.501236.0001	CD-50 capillary column (60m x 0.32mm x 1.0um)
GC-1.501237.0001	CD-50 capillary column (60m x 0.32mm x 3.0um)
GC-1.501238.0001	CD-50 capillary column (60m x 0.32mm x 5.0um)
GC-1.501239.0001	CD-50 capillary column (15m x 0.53mm x 0.5um)
GC-1.501240.0001	CD-50 capillary column (15m x 0.53mm x 1.0um)
GC-1.501241.0001	CD-50 capillary column (15m x 0.53mm x 1.5um)
GC-1.501242.0001	CD-50 capillary column (15m x 0.53mm x 3.0um)
GC-1.501243.0001	CD-50 capillary column (30m x 0.53mm x 0.5um)
GC-1.501244.0001	CD-50 capillary column (30m x 0.53mm x 1.0um)
GC-1.501245.0001	CD-50 capillary column (30m x 0.53mm x 1.5um)
GC-1.501246.0001	CD-50 capillary column (30m x 0.53mm x 3.0um)
GC-1.501247.0001	CD-50 capillary column (30m x 0.53mm x 5.0um)
GC-1.501248.0001	CD-50 capillary column (50m x 0.53mm x 0.5um)
GC-1.501249.0001	CD-50 capillary column (50m x 0.53mm x 2.65um)
GC-1.501250.0001	CD-50 capillary column (50m x 0.53mm x 5.0um)
GC-1.501251.0001	CD-50 capillary column (60m x 0.53mm x 0.5um)
GC-1.501252.0001	CD-50 capillary column (60m x 0.53mm x 1.0um)
GC-1.501253.0001	CD-50 capillary column (60m x 0.53mm x 1.5um)
GC-1.501254.0001	CD-50 capillary column (60m x 0.53mm x 3.0um)
GC-1.501255.0001	CD-50 capillary column (60m x 0.53mm x 5.0um)
GC-1.521510.0001	CD-5 capillary column (15m x 0.25mm x 0.25um)
GC-1.521511.0001	CD-5 capillary column (30m x 0.25mm x 0.25um)
GC-1.521512.0001	CD-5 capillary column (30m x 0.25mm x 0.5um)
GC-1.521513.0001	CD-5 capillary column (30m x 0.25mm x 1.0um)
GC-1.521514.0001	CD-5 capillary column (60m x 0.25mm x 0.25um)
GC-1.521515.0001	CD-5 capillary column (60m x 0.25mm x 1.0um)
GC-1.521516.0001	CD-5 capillary column (100m x 0.25mm x 0.25um)
GC-1.521517.0001	CD-5 capillary column (15m x 0.32mm x 0.25um)

Model	Description
GC-1.521518.0001	CD-5 capillary column (30m x 0.32mm x 0.25um)
GC-1.521519.0001	CD-5 capillary column (30m x 0.32mm x 0.5um)
GC-1.521520.0001	CD-5 capillary column (30m x 0.32mm x 1.0um)
GC-1.521521.0001	CD-5 capillary column (30m x 0.32mm x 3.0um)
GC-1.521522.0001	CD-5 capillary column (30m x 0.32mm x 5.0um)
GC-1.521523.0001	CD-5 capillary column (60m x 0.32mm x 0.25um)
GC-1.521524.0001	CD-5 capillary column (60m x 0.32mm x 0.5um)
GC-1.521525.0001	CD-5 capillary column (60m x 0.32mm x 1.0um)
GC-1.521526.0001	CD-5 capillary column (60m x 0.32mm x 3.0um)
GC-1.521527.0001	CD-5 capillary column (60m x 0.32mm x 5.0um)
GC-1.521528.0001	CD-5 capillary column (15m x 0.53mm x 0.5um)
GC-1.521529.0001	CD-5 capillary column (15m x 0.53mm x 1.0um)
GC-1.521530.0001	CD-5 capillary column (15m x 0.53mm x 1.5um)
GC-1.521531.0001	CD-5 capillary column (15m x 0.53mm x 3.0um)
GC-1.521532.0001	CD-5 capillary column (30m x 0.53mm x 0.5um)
GC-1.521533.0001	CD-5 capillary column (30m x 0.53mm x 1.0um)
GC-1.521534.0001	CD-5 capillary column (30m x 0.53mm x 1.5um)
GC-1.521535.0001	CD-5 capillary column (30m x 0.53mm x 3.0um)
GC-1.521536.0001	CD-5 capillary column (30m x 0.53mm x 5.0um)
GC-1.521537.0001	CD-5 capillary column (50m x 0.53mm x 0.5um)
GC-1.521538.0001	CD-5 capillary column (50m x 0.53mm x 2.65um)
GC-1.521539.0001	CD-5 capillary column (50m x 0.53mm x 5.0um)
GC-1.521540.0001	CD-5 capillary column (60m x 0.53mm x 0.5um)
GC-1.521541.0001	CD-5 capillary column (60m x 0.53mm x 1.0um)
GC-1.521542.0001	CD-5 capillary column (60m x 0.53mm x 1.5um)
GC-1.521543.0001	CD-5 capillary column (60m x 0.53mm x 3.0um)
GC-1.521544.0001	CD-5 capillary column (60m x 0.53mm x 5.0um)
GC-1.548168.0001	CD-BASEWAX capillary column (15m x 0.25mm x 0.25um)
GC-1.548169.0001	CD-BASEWAX capillary column (30m x 0.25mm x 0.25um)
GC-1.548170.0001	CD-BASEWAX capillary column (30m x 0.25mm x 0.5um)
GC-1.548171.0001	CD-BASEWAX capillary column (30m x 0.25mm x 1.0um)
GC-1.548172.0001	CD-BASEWAX capillary column (60m x 0.25mm x 0.25um)
GC-1.548173.0001	CD-BASEWAX capillary column (60m x 0.25mm x 1.0um)
GC-1.548174.0001	CD-BASEWAX capillary column (100m x 0.25mm x 0.25um)
GC-1.548175.0001	CD-BASEWAX capillary column (15m x 0.32mm x 0.25um)
GC-1.548176.0001	CD-BASEWAX capillary column (30m x 0.32mm x 0.25um)

Model	Description
GC-1.548177.0001	CD-BASEWAX capillary column (30m x 0.32mm x 0.5um)
GC-1.548178.0001	CD-BASEWAX capillary column (30m x 0.32mm x 1.0um)
GC-1.548179.0001	CD-BASEWAX capillary column (30m x 0.32mm x 3.0um)
GC-1.548180.0001	CD-BASEWAX capillary column (30m x 0.32mm x 5.0um)
GC-1.548181.0001	CD-BASEWAX capillary column (60m x 0.32mm x 0.25um)
GC-1.548182.0001	CD-BASEWAX capillary column (60m x 0.32mm x 0.5um)
GC-1.548183.0001	CD-BASEWAX capillary column (60m x 0.32mm x 1.0um)
GC-1.548184.0001	CD-BASEWAX capillary column (60m x 0.32mm x 3.0um)
GC-1.548185.0001	CD-BASEWAX capillary column (60m x 0.32mm x 5.0um)
GC-1.548186.0001	CD-BASEWAX capillary column (15m x 0.53mm x 0.5um)
GC-1.548187.0001	CD-BASEWAX capillary column (15m x 0.53mm x 1.0um)
GC-1.548188.0001	CD-BASEWAX capillary column (15m x 0.53mm x 1.5um)
GC-1.548189.0001	CD-BASEWAX capillary column (15m x 0.53mm x 3.0um)
GC-1.548190.0001	CD-BASEWAX capillary column (15m x 0.53mm x 0.5um)
GC-1.548191.0001	CD-BASEWAX capillary column (15m x 0.53mm x 1.0um)
GC-1.548192.0001	CD-BASEWAX capillary column (15m x 0.53mm x 1.5um)
GC-1.548193.0001	CD-BASEWAX capillary column (15m x 0.53mm x 3.0um)
GC-1.548194.0001	CD-BASEWAX capillary column (15m x 0.53mm x 5.0um)
GC-1.548195.0001	CD-BASEWAX capillary column (50m x 0.53mm x 0.5um)
GC-1.548196.0001	CD-BASEWAX capillary column (50m x 0.53mm x 2.65um)
GC-1.548197.0001	CD-BASEWAX capillary column (50m x 0.53mm x 5.0um)
GC-1.548198.0001	CD-BASEWAX capillary column (60m x 0.53mm x 0.5um)
GC-1.548199.0001	CD-BASEWAX capillary column (60m x 0.53mm x 1.0um)
GC-1.548200.0001	CD-BASEWAX capillary column (60m x 0.53mm x 1.5um)
GC-1.548201.0001	CD-BASEWAX capillary column (60m x 0.53mm x 3.0um)
GC-1.548202.0001	CD-BASEWAX capillary column (60m x 0.53mm x 5.0um)
GC-1.554420.0001	CD-5MS capillary column (15m x 0.25mm x 0.25um)
GC-1.554421.0001	CD-5MS capillary column (30m x 0.25mm x 0.25um)
GC-1.554422.0001	CD-5MS capillary column (30m x 0.25mm x 0.5um)
GC-1.554423.0001	CD-5MS capillary column (30m x 0.25mm x 1.0um)
GC-1.554424.0001	CD-5MS capillary column (60m x 0.25mm x 0.25um)
GC-1.554425.0001	CD-5MS capillary column (60m x 0.25mm x 1.0um)
GC-1.554426.0001	CD-5MS capillary column (100m x 0.25mm x 0.25um)
GC-1.554427.0001	CD-5MS capillary column (15m x 0.32mm x 0.25um)
GC-1.554428.0001	CD-5MS capillary column (30m x 0.32mm x 0.25um)
GC-1.554429.0001	CD-5MS capillary column (30m x 0.32mm x 0.5um)

Model	Description
GC-1.554430.0001	CD-5MS capillary column (30m x 0.32mm x 1.0um)
GC-1.554431.0001	CD-5MS capillary column (30m x 0.32mm x 3.0um)
GC-1.554432.0001	CD-5MS capillary column (30m x 0.32mm x 5.0um)
GC-1.554433.0001	CD-5MS capillary column (60m x 0.32mm x 0.25um)
GC-1.554434.0001	CD-5MS capillary column (60m x 0.32mm x 0.5um)
GC-1.554435.0001	CD-5MS capillary column (60m x 0.32mm x 1.0um)
GC-1.554436.0001	CD-5MS capillary column (60m x 0.32mm x 3.0um)
GC-1.554437.0001	CD-5MS capillary column (60m x 0.32mm x 5.0um)
GC-1.554438.0001	CD-5MS capillary column (15m x 0.53mm x 0.5um)
GC-1.554439.0001	CD-5MS capillary column (15m x 0.53mm x 1.0um)
GC-1.554440.0001	CD-5MS capillary column (15m x 0.53mm x 1.5um)
GC-1.554441.0001	CD-5MS capillary column (15m x 0.53mm x 3.0um)
GC-1.554442.0001	CD-5MS capillary column (30m x 0.53mm x 0.5um)
GC-1.554443.0001	CD-5MS capillary column (30m x 0.53mm x 1.0um)
GC-1.554444.0001	CD-5MS capillary column (30m x 0.53mm x 1.5um)
GC-1.554445.0001	CD-5MS capillary column (30m x 0.53mm x 3.0um)
GC-1.554446.0001	CD-5MS capillary column (30m x 0.53mm x 5.0um)
GC-1.554447.0001	CD-5MS capillary column (50m x 0.53mm x 0.5um)
GC-1.554448.0001	CD-5MS capillary column (50m x 0.53mm x 2.65um)
GC-1.554449.0001	CD-5MS capillary column (50m x 0.53mm x 5.0um)
GC-1.554450.0001	CD-5MS capillary column (60m x 0.53mm x 0.5um)
GC-1.554451.0001	CD-5MS capillary column (60m x 0.53mm x 1.0um)
GC-1.554452.0001	CD-5MS capillary column (60m x 0.53mm x 1.5um)
GC-1.554453.0001	CD-5MS capillary column (60m x 0.53mm x 3.0um)
GC-1.554454.0001	CD-5MS capillary column (60m x 0.53mm x 5.0um)
GC-1.608025.0001	CD-608 capillary column (30m x 0.25mm x 0.25um)
GC-1.608026.0001	CD-608 capillary column (30m x 0.32mm x 0.5um)
GC-1.608027.0001	CD-608 capillary column (30m x 0.53mm x 1.0um)
GC-1.624514.0001	CD-624 capillary column (30m x 0.25mm x 1.4um)
GC-1.624515.0001	CD-624 capillary column (60m x 0.25mm x 1.4um)
GC-1.624516.0001	CD-624 capillary column (30m x 0.32mm x 1.8um)
GC-1.624517.0001	CD-624 capillary column (30m x 0.32mm x 2.55um)
GC-1.624518.0001	CD-624 capillary column (60m x 0.32mm x 1.8um)
GC-1.624519.0001	CD-624 capillary column (60m x 0.32mm x 2.55um)
GC-1.624520.0001	CD-624 capillary column (30m x 0.53mm x 3.0um)
GC-1.624521.0001	CD-624 capillary column (60m x 0.53mm x 3.0um)



Model	Discription
HPLC-8.460571.0001	Athena C18, 4.6 × 50mm, 5µm
HPLC-8.461071.0001	Athena C18, 4.6 × 100mm, 5µm
HPLC-8.461571.0001	Athena C18, 4.6 × 150mm, 5µm
HPLC-8.462071.0001	Athena C18, 4.6 × 200mm, 5µm
HPLC-8.462571.0001	Athena C18, 4.6 × 250mm, 5µm
HPLC-8.210571.0001	Athena C18, 2.1 × 50mm, 5µm
HPLC-8.211071.0001	Athena C18, 2.1 × 100mm, 5µm
HPLC-8.211571.0001	Athena C18, 2.1 × 150mm, 5µm
HPLC-8.212071.0001	Athena C18, 2.1 × 200mm, 5µm
HPLC-8.212571.0001	Athena C18, 2.1 × 250mm, 5µm
HPLC-8.461574.0001	Athena C18, 4.6 × 150mm, 10µm
HPLC-8.462574.0001	Athena C18, 4.6 × 250mm, 10µm
HPLC-8.460572.0001	Athena C18-WP, 4.6 × 50mm, 5µm
HPLC-8.461072.0001	Athena C18-WP, 4.6 × 100mm, 5µm
HPLC-8.461572.0001	Athena C18-WP, 4.6 × 150mm, 5µm
HPLC-8.462072.0001	Athena C18-WP, 4.6 × 200mm, 5µm
HPLC-8.462572.0001	Athena C18-WP, 4.6 × 250mm, 5µm
HPLC-8.210572.0001	Athena C18-WP, 2.1 × 50mm, 5µm
HPLC-8.211072.0001	Athena C18-WP, 2.1 × 100mm, 5µm
HPLC-8.211572.0001	Athena C18-WP, 2.1 × 150mm, 5µm
HPLC-8.212072.0001	Athena C18-WP, 2.1 × 200mm, 5µm
HPLC-8.212572.0001	Athena C18-WP, 2.1 × 250mm, 5µm
HPLC-8.460573.0001	Athena C18-WP, 4.6 × 50mm, 3µm
HPLC-8.461073.0001	Athena C18-WP, 4.6 × 100mm, 3µm
HPLC-8.461573.0001	Athena C18-WP, 4.6 × 150mm, 3µm
HPLC-8.462073.0001	Athena C18-WP, 4.6 × 200mm, 3µm
HPLC-8.210573.0001	Athena C18-WP, 2.1 × 50mm, 3µm
HPLC-8.211073.0001	Athena C18-WP, 2.1 × 100mm, 3µm
HPLC-8.211573.0001	Athena C18-WP, 2.1 × 150mm, 3µm
HPLC-8.212073.0001	Athena C18-WP, 2.1 × 200mm, 3µm
HPLC-8.212573.0001	Athena C18-WP, 2.1 × 250mm, 3µm
HPLC-8.460575.0001	Athena C8, 4.6 × 50mm, 5µm
HPLC-8.461075.0001	Athena C8, 4.6 × 100mm, 5µm
HPLC-8.461575.0001	Athena C8, 4.6 × 150mm, 5µm
HPLC-8.462075.0001	Athena C8, 4.6 × 200mm, 5µm
HPLC-8.462575.0001	Athena C8, 4.6 × 250mm, 5µm
HPLC-8.210575.0001	Athena C8, 2.1 × 50mm, 5µm

Model	Discription
HPLC-8.211075.0001	Athena C8, 2.1 × 100mm, 5µm
HPLC-8.211575.0001	Athena C8, 2.1 × 150mm, 5µm
HPLC-8.212075.0001	Athena C8, 2.1 × 200mm, 5µm
HPLC-8.212575.0001	Athena C8, 2.1 × 250mm, 5µm
HPLC-8.460576.0001	Athena Silica, 4.6 × 50mm, 5µm
HPLC-8.461076.0001	Athena Silica, 4.6 × 100mm, 5µm
HPLC-8.461576.0001	Athena Silica, 4.6 × 150mm, 5µm
HPLC-8.462076.0001	Athena Silica, 4.6 × 200mm, 5µm
HPLC-8.462576.0001	Athena Silica, 4.6 × 250mm, 5µm
HPLC-8.210576.0001	Athena Silica, 2.1 × 50mm, 5µm
HPLC-8.211076.0001	Athena Silica, 2.1 × 100mm, 5µm
HPLC-8.211576.0001	Athena Silica, 2.1 × 150mm, 5µm
HPLC-8.212076.0001	Athena Silica, 2.1 × 200mm, 5µm
HPLC-8.212576.0001	Athena Silica, 2.1 × 250mm, 5µm
HPLC-8.460577.0001	Athena NH ₂ , 4.6 × 50mm, 5µm
HPLC-8.461077.0001	Athena NH ₂ , 4.6 × 100mm, 5µm
HPLC-8.461577.0001	Athena NH ₂ , 4.6 × 150mm, 5µm
HPLC-8.462077.0001	Athena NH ₂ , 4.6 × 200mm, 5µm
HPLC-8.462577.0001	Athena NH ₂ , 4.6 × 250mm, 5µm
HPLC-8.210577.0001	Athena NH ₂ , 2.1 × 50mm, 5µm
HPLC-8.211077.0001	Athena NH ₂ , 2.1 × 100mm, 5µm
HPLC-8.211577.0001	Athena NH ₂ , 2.1 × 150mm, 5µm
HPLC-8.212077.0001	Athena NH ₂ , 2.1 × 200mm, 5µm
HPLC-8.212577.0001	Athena NH ₂ , 2.1 × 250mm, 5µm
HPLC-8.460578.0001	Athena C18-BIO, 4.6 × 50mm, 5µm
HPLC-8.461078.0001	Athena C18-BIO, 4.6 × 100mm, 5µm
HPLC-8.461578.0001	Athena C18-BIO, 4.6 × 150mm, 5µm
HPLC-8.462078.0001	Athena C18-BIO, 4.6 × 200mm, 5µm
HPLC-8.462578.0001	Athena C18-BIO, 4.6 × 250mm, 5µm
HPLC-8.210578.0001	Athena C18-BIO, 2.1 × 50mm, 5µm
HPLC-8.211078.0001	Athena C18-BIO, 2.1 × 100mm, 5µm
HPLC-8.211578.0001	Athena C18-BIO, 2.1 × 150mm, 5µm
HPLC-8.212078.0001	Athena C18-BIO, 2.1 × 200mm, 5µm
HPLC-8.212578.0001	Athena C18-BIO, 2.1 × 250mm, 5µm
HPLC-8.460579.0001	Athena C4, 4.6 × 50mm, 5µm
HPLC-8.461079.0001	Athena C4, 4.6 × 100mm, 5µm
HPLC-8.461579.0001	Athena C4, 4.6 × 150mm, 5µm
HPLC-8.462079.0001	Athena C4, 4.6 × 200mm, 5µm
HPLC-8.462579.0001	Athena C4, 4.6 × 250mm, 5µm
HPLC-8.210579.0001	Athena C4, 2.1 × 50mm, 5µm
HPLC-8.211079.0001	Athena C4, 2.1 × 100mm, 5µm
HPLC-8.211579.0001	Athena C4, 2.1 × 150mm, 5µm
HPLC-8.212079.0001	Athena C4, 2.1 × 200mm, 5µm
HPLC-8.212579.0001	Athena C4, 2.1 × 250mm, 5µm



MDS-6600

MDS-6600/8600 Microwave Digestion System

Advantages of microwave sample preparation:

- The activation characteristic of microwave enables easier sample dissolution and chemical reaction. Combined with sealed container to increase pressure and temperature, it greatly increases the speed of chemical reaction and shortens the sample preparation time to 1/10 of traditional method.
- Volatile elements or components will not be lost in the process of sample preparation. Low reagent consumption, reducing blank value and waste liquid pollution to the environment.
- Lessening harm of acid mist to human bodies.
- Eliminating contamination of environment to the sample.
- Less interference factors, easier sample control and automation.

Instrument features: (MDS-6600/8600)

- Large screen LCD displays pressure curve and parameters in real time, enabling clear understanding of the reaction status. Reaction results stored with chemical reaction characters, & can be recalled at any time.
- 10 sets of pre-stored digestion method satisfy routine sample digestion needs. Each set of method includes 5-step program (microwave power, total time, pressure value and pressure keeping time) to control the reaction, keeping uniform conditions for different batches of sample.
- The pressure control vessel and other sample vessels are under the same conditions, realizing true real time monitoring & over-pressure protection. Setting target pressure of each step at an increment of 0.1 for more accurate control. 10 double-cup vessels can be used at the same time for high efficiency of sample preparation.
- One second time-base design realizes fast and smooth microwave sample preparation.
- The cavity wall is coated with corrosion-resistant material, preventing acid & alkali corrosion. The system is designed with microwave leakage prevention.
- New-type rotating microwave provides even heating and easy control.
- Specially designed exhaust fan can get rid of acid mist easily.
- Adopting the newest technology of ideal gas pressure control system, real time pressure monitoring device and over-pressure protection, realizes easy and safe operation.

Applications:

- Sample preparation for AAS, ECD, ICP-AES and MIP-AES according to EPA3015, EPA3050, EPA3052, EPA3015A standards
- Sample preparation for GC/LC/ICP-MS, GC/LC, UV-VIS & other chemical analysis. It's the best equipment for sample extraction according to EPA3546, ASTM D5258, D5765 and D6010.
- Chemical synthesis of molecular sieve catalyst, etc.
- Widely used in the field of Food, biology/botany, environmental protection, metallurgy, agriculture, geology, technical supervision, archaeology, aerospace materials, cosmetics, clinical examination, disease control, commodity inspection, research and teaching in universities and institutes.

Instrument Features: (MDS-8600)

- The first microwave instrument with monitoring and alarm system for organic volatile reagent. When the concentration of organic gas reaches the alarm line, the alarm sounds and the system stops running.
- Adopting advanced optic fiber temperature measurement technique for more safety.
- New-type rotating microwave provides even heating and easy control.
- Specially designed exhaust fan can get rid of acid mist easily.

Model	MDS-6600	MDS-8600
Max. pressure / temp. display	5MPa / 300°C	5MPa / 300°C
Controllable pressure / temp.	4.0MPa / 300°C	5.0MPa / 230°C
Pressure setting / control accuracy	0.01MPa increment / ±0.05MPa	
Temp. setting / display accuracy	1°C / 0.1°C	
Microwave power setting / leakage	1% increment in the range of 1 — 100% / Less than 5mw/cm2	
Max. operating temp. / pressure	300°C / 4.0M Pa.	300°C / 5.0M Pa.
Vessel volume / amount	80ml / 4 sets of double-cup vessels are supplied as standard; Max. of 8 vessels can be placed in the sample bracket.	
Radiation	Interlock switch stops microwave radiation when the door opens.	
Microwave frequency / Power	2450MHz; 800W	2450MHz; 1000W
Power	AC220V, 15A, 50/60Hz, 1400W	AC220V, 15A, 50/60Hz, 1250W
Net weight	35.5kg; Cavity volume: 30L	35.5kg; Cavity volume: 30L
Dimensions	63 x 44 x 50cm.	63 x 44 x 50cm.



GG-NH-300/500

GG-NH-300/GG-NH-500, Automatic High-purity Nitrogen Hydrogen Air Generators

- Nitrogen purity: Oxygen amount less 3PPM, dew point: -56°C
- Nitrogen Flow: 0 – 300ml/min / 0 – 500ml/min
- Nitrogen Pressure: 0.4MPa
- Hydrogen purity: 99.999%
- Hydrogen Flow: 0 – 300ml/min / 0 – 500ml/min
- Hydrogen Pressure: 0.4MPa
- Air Flow: 0 – 2000ml/min
- Air Pressure: 0.4MPa
- Consumed Power: 330W
- Dimension: 350×350×500mm
- Net Weight: 30Kg



GG-N-H-300/500

GG-N-H-300/GG-N-H-500, Automatic High-purity Nitrogen Air Generators

- Nitrogen purity: Oxygen amount less 3PPM, dew point: -56°C
- Nitrogen Flow: 0 – 300ml/min / 0 – 500ml/min
- Nitrogen Pressure: 0.4MPa
- Air Flow: 0 – 2000ml/min
- Air Pressure: 0.4MPa
- Consumed Power: 275W
- Dimension: 470×260×380mm
- Net Weight: 30Kg



GG-N-S-300/500

GG-N-S-300/GG-N-S-500, Nitrogen Generators

- Nitrogen purity: Oxygen amount less 3PPM, dew point: -56°C
- Nitrogen Flow: 0 – 300ml/min / 0 – 500ml/min
- Working Pressure: 0.4MPa
- Consumed Power: 60W / 100W
- Dimension: 370×180×330mm
- Net Weight: 10Kg / 20Kg



GG-N-S-1000

GG-N-S-1000, Nitrogen Generator

- Nitrogen purity: Oxygen amount less 3PPM, dew point: -56°C
- Nitrogen Flow: 0 – 1000ml/min
- Working Pressure: 0.4MPa
- Consumed Power: 400W
- Dimension: 460×360×350mm
- Net Weight: 30Kg



GG-H-S-1000

GG-H-S-1000, Hydrogen Generator

- Hydrogen purity: 99.999%
- Hydrogen Flow: 0 – 1000ml/min
- Working Pressure: 0.4MPa
- Consumed Power: 400W
- Dimension: 460×360×350mm
- Net Weight: 20Kg



GG-H-S-300

GG-H-S-300, Hydrogen Generator

- Hydrogen purity: 99.999%
- Hydrogen Flow: 0 – 300ml/min
- Working Pressure: 0.4MPa, 0.6MPa optional / 0.3MPa
- Consumed Power: 150W / 100W
- Dimension: 370×180×330mm/200×140×290mm
- Net Weight: 10Kg / 6Kg



GG-H-S-500

GG-H-S-500, Hydrogen Generator

- Hydrogen purity: 99.999%
- Hydrogen Flow: 0 – 500ml/min
- Working Pressure: 0.4MPa, 0.6MPa optional
- Consumed Power: 250W
- Dimension: 370×180×330mm
- Net Weight: 10Kg



GG-A-S-2000 / 5000

GG-A-S-2000 / GG-A-S-5000, Automatic Air Generator

- Air Flow: 0 – 2000ml/min / 0 – 5000ml/min
- Working Pressure: 0.4MPa
- Pressure Stability: <0.003MPa
- Consumed Power: 175W / 275W
- Dimension: 420×250×350mm
- Net Weight: 20Kg