



Multiplelabs
Turnkey Laboratories Solutions

HSS-9009A

Fully Automated Headspace Sampler



HSS-9009A Is new generation headspace sampler which provides with unique technical features and independent intellectual rights.

Headspace sampling can significantly reduce the process of complicated and time consuming artificial preliminary treatment to volatile compounds in liquefied and solid samples. Therefore, it is extensively used to detect volatile organisms (detection of residual solvents) in samples for petrochemical, fine chemical, food brewing and food picking materials, environmental monitoring (water in rivers and lakes), sewage, medicolegal expertise, drinking water, cosmetics, coat and paint.

►► **Features:**

- High versatility---Can be connected with any GC instruments, and also easy operation.
- Exquisite design---This instrument features in delicate and exquisite design, which is precise and natural in appearance.
- High economy and durability---As manifested by long-term test, this Instrument is stable and durable
- Low residual adsorption---The complete pipeline is made of inert materials, heating is properly preserved.

►► **Instrument Parameters:**

1. Sample heating temperature range:
Room temperature-220 °C, with increment of 1 °C
2. Sample loop temperature range
Room temperature-200 °C, with increment of 1 °C
3. Sample transfer line temperature range:
Room temperature-200 °C, with increment of 1 °C
4. Temperature precision: < ± 0.1 °C;
5. Max vials: 9;
6. Vial type: 10ml and 20ml, or custom.
7. Repeatability: RSD $\leq 5\%$ (GC performance related);
8. Sampling pressurization range: 0 - 0.4Mpa (continuously adjustable);
9. Purge gas flow rate: 0 - 20ml/min (continuously adjustable).