

Gas Chromatograph (GC) -Mass Selective Detector (MSD)

Brand: Agilent, USA Model: 7890A GC – 5975C Mass selective Detector

The Gas Chromatograph - Bench top Mass Selective Detector in ENVF is configured to separate and semi/quantitatively measure organic compounds that are volatile enough to be vaporized without decomposition in the injector (ambient to 400 °C) of the gas chromatograph. With the help of the built in mass spectral library, the components in the sample could be identified.

The GC is equipped with a split/splitless injector and an automatic liquid sampler. The sample injected should be in the liquid form. Organic compounds in aqueous sample matrix should be extracted and dissolved in organic solvent before using the instrument.

This GC can only install capillary column. There is no pack column option.

Application: Determine organic compounds in aerosol, water, soil, etc.

Remarks: User is encouraged to use their own GC Column to avoid cross contamination. ENVF do not have specific dimension and polarity column. ENVF do not guarantee the cleanliness and baseline.



Gas Chromatograph with Mass Selective Detector