

Headspace sampler - Gas Chromatograph (GC) with Electron Capture Detector (ECD)

Brand: Agilent, USA Model: 7694E Headspace sampler -7890A GC

General Usage: The Headspace Sampler - Gas Chromatograph in ENVF is configured to separate and semi/quantitatively measure organic compounds that are volatile enough to be vaporized without decomposition in the Headspace 7890A system (ambient to 200 °C). The ECD installed in the GC is more sensitive towards organic molecules that contain halogen, peroxides, quinones and nitro functional groups. Molecules with double bond can also be determined but with less sensitivity. The sample put into the Headspace sampler can be a liquid or solid.

Application: Determine organic compounds in water, soil, food, 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 flatness of provided column.

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