

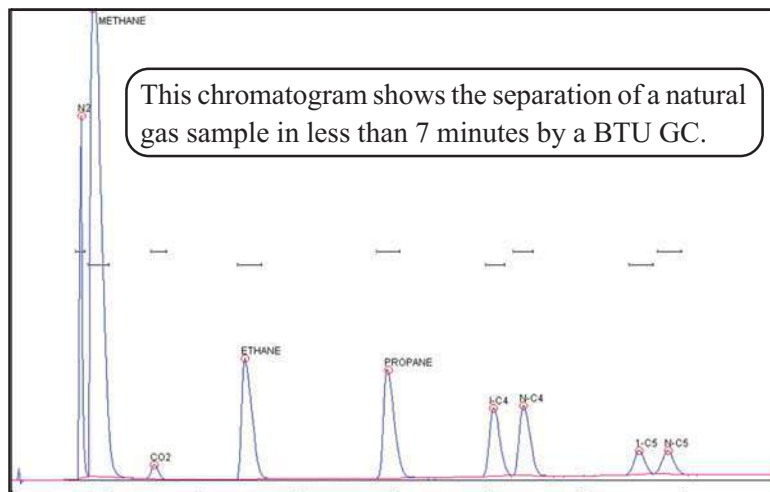
BTU Gas Analyzer GC System



- TCD Detector
 - 10-port Gas Sampling Valve
 - 1 channel PeakSimple Data System
 - 30 meter x 0.53mm MXT-1 Capillary Column
 - 1 meter HayeSep-D Column
- ...on the compact 8610C chassis

This BTU GC is customized with an FID detector, an additional gas sampling valve, and a built-in 6 channel PeakSimple data system.

The BTU Gas Analyzer GC system is preplumbed and ready to measure N₂, methane, CO₂, ethane, H₂O, propane, iso- and normal butanes, iso- and normal pentanes and C₆ plus backflush. The main benefits of the SRI BTU Gas Analyzer system are simplicity, low cost and the ability to determine the water content of the gas.



The SRI BTU Gas Analyzer uses just a single 10 port gas sampling valve and two columns, and is tolerant of valve timing variations or operator adjustments. Unlike the widely used competitive micro GCs, the SRI BTU Gas Analyzer GC system is not only tolerant of water in the sample gas, but it actually generates a quantifiable water peak. The seven minute analysis may be longer than a micro GC analysis, but the BTU GC does not need baking out between runs. Therefore, about the same number of runs may be made per day with the BTU GC as with a typical micro GC.

The BTU Gas Analyzer can be configured with a TCD detector only, for detection limits in the 200-500ppm range. Other detectors can be added, such as the HID, FID, or FPD for applications requiring higher sensitivity or selectivity.

8610-3070

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OPTIONS & UPGRADES: additional detectors with a 6 channel USB PeakSimple data system, FID, Methanizer, split/splitless and PTV injectors, additional gas sampling valves, additional columns (VOLTAGE: for 115VAC, use 8610-3070-1; for 230VAC, use 8610-3070-2)