

NEW! Stand-alone Methanizer (for low level CO and CO₂ by FID)

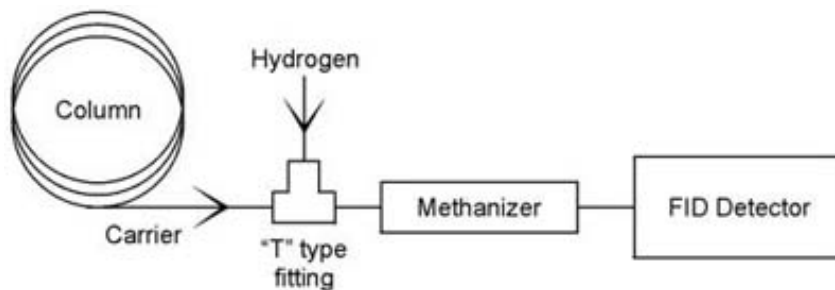
- Converts CO and CO₂ to Methane without changing retention times
- Enables the FID Detector to detect low levels of CO and CO₂
- Thermostatted to 380°C



The SRI 510 Methanizer enables any GC equipped with a Flame Ionization Detector to detect low levels (5ppm) of CO and CO₂. The Methanizer comes complete with its own temperature control box and universal power supply which can operate on any voltage in the world. The control box displays the actual temperature of the Methanizer. Equipped with swagelok type fittings, it can be mounted and connected anywhere in your GC between the column and the FID detector.



The Methanizer contains a nickel catalyst powder, and requires hydrogen for operation. If you are not using hydrogen carrier gas, the Methanizer can share the FID hydrogen supply. During analysis, the Methanizer is heated to 380°C. When the column effluent and hydrogen mix passes through the Methanizer, CO and CO₂ are converted to methane, which is detectable by the FID.



Since the conversion of CO and CO₂ to methane occurs after the sample compounds have passed through the column, their retention times are unchanged. Hydrocarbons pass through the Methanizer unaffected.

0510-0081

Stand-alone Methanizer

0510-0281

Replacement Nickel Catalyst

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