

GAS CHROMATOGRAPHY – VACUUM ULTRAVIOLET SPECTROSCOPY (GC-VUV)



VUV spectroscopy has unique capabilities that address many of the challenges inherent to gas chromatographic separation and detection. VUV light probes electronic transitions that are unique to individual compound structure. VUV spectral fingerprints are used to differentiate closely related compounds, including structural isomers.

The PIONA-VUV Analyzer combines the power of gas chromatography-vacuum ultraviolet spectroscopy (GC-VUV), the simplicity of VUV Analyze Software, and a suite of fuel-specific applications into an easy-to-use solution that automatically analyzes fuels in just a fraction of the time.