



QGA Quantitative Gas Analysis Package

Mass spectrometer spectral fragmentation patterns can complicate analysis of gas mixtures due to same-mass contributions from multiple species. The new Hiden QGA Professional gas/vapor analysis software provides real-time continuous and quantitative analysis of gas mixtures comprising up to 16 species and is now available for operation with all Hiden gas analysis systems.

The integral, user expandable spectral library details each species with up to 10 mass fragmentation peaks. These are used by the integral calculator to compile a preview composite of a specified gas mixture to automatically select the optimum masses for measurement and for deconvolution, together with on-screen color simulation of relative same-mass contributions and species-specific mass peaks. The relative abundance of each species is user variable to determine practical detection limits, which extend down to 0.1ppm. Inputs provide for import and data integration of external parameters such as temperature, process pressure, weight. External gas monitor measurement, CO for example, can be integrated directly with the mass spectrometer data.

The system provides for multi-stream analysis with automatic stream sequencing and with a capacity of 80 streams. Up to four streams can be simultaneously displayed graphically on-screen in real time.

For further information on this or other Hiden Analytical products contact Hiden Analytical Inc. at info@hideninc.com or visit the main website at www.HidenInc.com



Automatic Mass Spectral Analysis Setup

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