

New Product Information

New Hiden ExQ Gas Analysis System

The Hiden ExQ gas analysis system features direct real time multi-species analysis and quantification of gas and vapour related processes. Systems are highly adaptable with configurations suited to sampling directly from pressure regimes in the range 100 mbar through to 30 bar, with a wide dynamic range extending from 100ppb through to 100%. The soft-ionisation mode minimises molecular fragmentation for simplification of spectral data, with individual mass channels each programmable to preferentially optimise the intensity of the specific species of interest, ammonia in water vapour for instance.

The bench-top mass spectrometer systems are coupled to the user process by a robust, flexible, quartz-lined heated capillary with sample consumption rates as low as 1 mL/min and response times down to 150 milliseconds. Process interface options are suited to diverse



NEW! Hiden ExQ

application areas including top-gas analysis, multi-stream monitoring of gas feed and process exhaust lines (up to 80 individual gas streams), process and thermal reaction studies, respiratory analysis.

System operation, calibration, data acquisition and display are fully automated, with full manual control selectable when required. Integral I/O's permit import of external data, temperature for example, for integration with the mass spectral display and export of process data for external process control functions.

For full details on this or any other Hiden Products contact Hiden Analytical at info@hidden.co.uk or visit the main website at www.HiddenAnalytical.com

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