

New Product Information

Release: HAPR0062

Release date: immediate

Hidden CATLAB Integrated Micro-reactor Sizes Up

The CATLAB integrated micro-reactor/mass spectrometer system is specifically optimised for continuous quantitative real-time analysis of catalytic activity and reaction components. The close-coupled mass spectrometer samples directly from the reactor zone for fastest response and precise process characterisation, providing overall response times of less than 0.5 seconds and with data accumulation rates at up to 500 data-points per second.



The latest brochure, just released, details new features to extend operational capability and ease of operation, with total system control now offered via the new LabView operating program with both fully automated and with manual operation. Operation is fully pre-programmable with total control of temperature, temperature ramp rate and of gas flow with up to 8 gas streams.

The quartz reactor and cartridge-style sample insertion system are now available with increased capacity for operation with sample volumes from 0.15 up to 2.5 mL, with the fast-response low thermal mass furnace operating to 1000C with ramp rates to 20C per minute. Applications include temperature programmed desorption(TPD), reduction(TPR), oxidation(TPO) and reaction(TPRx). Additionally the mass spectrometer module may be decoupled to provide standalone operation for general laboratory gas analysis applications.

The catalogue is available to download at: <http://tinyurl.com/CATLAB-newbrochure>. For further information on this or other Hiden products please contact Hiden Analytical at info@hiden.co.uk or visit the main website at www.HidenAnalytical.com.

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