SpaciMS

Multi-channel Inlet for Intra-Catalyst Gas Analysis
SpaciMS Schematic

- Capillaries are inserted into the catalyst monolith and are moved by the integrated z-motion drive.
SpaciMS Probe Layout
Twin Inlet SpaciMS

- For Sampling inlet/outlet gas composition of Diesel Particulate filters
SpaciMS Probe
SpaciMS Analysis

- SpaciMS allows mapping of reaction profiles inside the catalyst and not just at the exhaust
SpaciMS Analysis

- Different catalyst reaction zones can be monitored with the intra-catalyst probes
Features

- Up to 16 capillaries and thermocouples
  - Minimally invasive
- Identify reaction zones inside the catalyst monolith
- Integrated capillary channel sampling and z-drive positioning
- Optional furnace and gas supply control
Recent Customers

- Johnson Matthey
- University of Houston
- Queen's University Belfast
- University of Chemistry and Technology Prague
• www.HidenAnalytical.com

• The Hiden website is an excellent resource with product pages, brochures, catalogues, product pages with some application notes, presentation and other information.

• Contact +44 1925 445225 for direct support.