



ALTAMIRA INSTRUMENTS

The First Name in Custom Reactor Systems

CUSTOM CATALYST TESTING INSTRUMENTS

BenchCAT 4000R HP



Application: *Studies of gas-phase reactions, such as methanol to formaldehyde.*

This unit consists of 4 parallel reactors with independent gas and liquid feeds. Each reactor features four gas feeds and 1 liquid feed with vaporizer. The reactor tubes can hold up to one gram of catalyst and are stainless steel with operating temperatures and pressures up to 600°C and 30 atmospheres, respectively. All reactor effluents are routed through heated lines to a heated multiposition valve for sequential sampling into a mass spectrometer. Lexan covers are provided for added safety.



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