# MMC 274 *Nexus*®

## Multiple Module Calorimeter

#### **Various Modules in One Calorimeter**

The MMC 274 Nexus® consists of two parts: the base unit with electronics and the exchangeable calorimeter module. This guarantees maximum flexibility.

Exchangeable calorimeter modules are available for different applications. The Accelerating Rate Calorimeter (ARC®) module can be used for standard process safety work. The External heater module can be employed for more sophisticated measurements.

**Key Features and Advantages of MMC 274 Nexus®**

* Multiple testing modes in one instrument for wide application coverage
  + Scanning mode (constant power, constant heating rate)
  + Isothermal mode
  + Adiabatic mode with *Heat-Wait-Search* for process safety tests
* Exchangeable calorimeter modules in one table-top instrument
  + ARC module for safety testing
  + External sample heater module for scanning tests as with DSC
* Wide temperature range up to 500°C
* Wide pressure range up to 150 bar (15 MPa)
* Various sample containers of different materials and volumes
* Proteus® software for the evaluation of onset, peak, area, etc., which may be combined with other thermoanalytical data in one plot