

μ RC micro Reaction Calorimeter



Titration
calorimetry,
isothermal
calorimetry
and differential
scanning
calorimetry
- all in one
instrument

FEATURES

- Low volume disposable cells for solids, liquids and mixtures
- High sensitivity/wide dynamic range - biologicals to explosives
- Quick response mode for kinetic applications
- Pressure measurement up to 10 bar for monitoring catalysis/hydrogenation
- Solid addition for accurate dissolution studies

APPLICATIONS

- ✓ Heat of reaction
- ✓ Heat of dissolution
- ✓ Heat of crystallisation
- ✓ Hydration studies
- ✓ Thermal stability
- ✓ Heat capacity determination
- ✓ Reaction kinetics
- ✓ Excipient compatibility
- ✓ Binding constants
- ✓ Food spoilage
- ✓ Microbial growth
- ✓ Protein denaturation

NOVEL RAPID SENSITIVE VERSATILE INEXPENSIVE

thermal hazard technology