

Reaction Calorimetry

The CPA, or Chemical Process Analyzer, from ChemiSens brings Reaction Calorimetry to the next level. It is a complete, pre-calibrated, precision tool for analyzing chemical processes. The CPA202 retains the versatility of a laboratory reactor yet facilitates all the techniques and measurements that are essential to effective process development. The absolute heat production from the process is presented on-line in real time without subjective interpretations of calibration pulses or unknown baselines. Everything from stirrer torque to condenser power is accounted for to give the ***truest measure of heat flow.***



- ✦ Pre-calibrated at the factory - no additional calibrations required
- ✦ Thermostat footprint is only 40 cm x 60 cm
- ✦ Easily load solids, pastes, and powders
- ✦ Compatible with all reaction calorimeter accessories
- ✦ 10 to 180 ml continuously variable charge
- ✦ Resolution from 0.01 W (CPA202) to 0.0001 W (HighSens)
- ✦ Dynamically controlled dosing
- ✦ On-line kinetics for process optimization

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& ASSOCIATES, LLC

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