

C600

Calvet Calorimeter



C600

From ambient to 600°C

- CALISTO software



Inspiring Imagination for Material Science

The C600 Calorimeter is a powerful, yet flexible calorimeter. The high precision Calvet detector offers a unique level of sensitivity to any thermal elements and the unique vessels allow for a wide range of potential application including operation under pressure and mixing vessels for reaction calorimetry.

The HIGHLIGHTS

Incomparable precision of measurement: the 3D Calvet sensor totally surrounds the sample, and all heat evolved is measured. No matter how small or large is the thermal transformation as the system provides a complete picture of the event.

Absolute calibration: with a three-dimensional transducer the sensitivity of the C600 is independent of:

- The weight, form and nature (powder, fiber, liquid, etc.) of the sample
- Any contact between the sample and the transducer
- The type of crucible used
- The nature of the sweeping (inert, oxidizing, wet) and its flow rate

Flexibility using the power of the detector, the C600 calorimeter offers the ability to simulate different process conditions:

- Isothermal calorimeter – the heat measurement is performed at a constant temperature
- Scanning calorimeter – the heat measurement is performed during a temperature program
- Cp measurement, solids and powders
- **Ease of operation:** dedicated market leading CALISTO software that is not only intuitive but powerful enough to perform every typical experiments and data treatment.



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