

CALVET HT



HIGH TEMPERATURE OPERATIONS
up to 600 °C

ISOETHERMAL OR TEMPERATURE SCANNING MODES

for increased flexibility and replication of real life conditions

CONVENIENT INTERCHANGEABLE CRUCIBLES AND CELLS

to perform even the most demanding experiments using one instrument :

- high pressure (up to 400 bar) and high vacuum
- pressure measurement and control
- mixing/stirring experiments

EXTERNAL COUPLING CAPABILITY

TEMPERATURE		CALVET HT
Temperature range (°C)		Ambient to 600
Temperature accuracy (°C)		+/- 1*
Temperature precision (°C)		+/- 0.5*
Programmable temperature scanning rate (°C/min)		0.01 to 2
HEAT & HEAT FLOW		
Enthalpy accuracy (%)		+/- 1*
Calorimetric precision (%)		+/- 1.5*
RMS noise (µW)		2
Resolution (µW)		0.5
Dynamic Range (mW)		+/- 3500
GENERAL		
Cells volume (ml)		Up to 7
Pressure measured and controlled (bar [psi])		100 [1,450]; 300 [4,350]; 400 [5,800]
Weight (kg)		50
Dimensions (Height/Width/Depth)		64/35.5/50.5 cm 25.2/14/19.9 inch
Power requirements		230V-50/60 Hz

* Based on indium melting tests