

CALVET



HIGHEST HEAT MEASUREMENT ACCURACY

Calvet 3D sensor based on thermocouples with Joule effect calibration

ISOTHERMAL 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 1000 bar) and high vacuum
- pressure measurement and control
- mixing/stirring experiments

EXTERNAL COUPLING CAPABILITY

designed to increase your research options including manometry, BET instrumentation, gas analyzers, humidity controllers and gas panels

TEMPERATURE	CALVET
Temperature range (°C)	Ambient to 300
Temperature accuracy (°C)	+/- 0.3*
Temperature precision (°C)	+/- 0.15*
Programmable temperature scanning rate (°C/min)	0.001 to 2
HEAT & HEAT FLOW	
Enthalpy accuracy (%)	+/- 0.4*
Calorimetric precision (%)	+/- 0.4*
RMS noise (µW)	1
Resolution (µW)	0.1
Dynamic Range (mW)	+/- 660; +/- 2 000
GENERAL	
Cells volume (ml)	Up to 12.5 (standard cell)
Pressure measured and controlled (bar [psi])	350 [5,075]; 600 [8,700]; 1000 [14,600]
Weight (kg)	30
Dimensions (Height/Width/Depth)	60/25/31 cm 23.6/9.8/12.2 inch
Power requirements	230V-50/60 Hz

* Based on indium melting tests