

## CALVET CRYO



### HIGHEST HEAT MEASUREMENT ACCURACY

Calvet 3D sensor based on thermocouples with Joule effect calibration

### SUB-AMBIENT TEMPERATURE OPERATIONS

with solutions adapted to your need down to as low as -196°C

### 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

TEMPERATURE	CALVET CRYO
Temperature range (°C)	-196 to 200
Temperature accuracy (°C)	+/- 0.5*
Temperature precision (°C)	+/- 0.25*
Programmable temperature scanning rate (°C/min)	0.01 to 1
HEAT & HEAT FLOW	
Enthalpy accuracy (%)	+/- 0.2*
Calorimetric precision (%)	+/- 0.5*
RMS noise (µW)	1
Resolution (µW)	0.1
Dynamic Range (mW)	+/- 50; +/- 500; +/- 1 500
GENERAL	
Cells volume (ml)	Up to 12.5 (standard cell)
Pressure measured and controlled (bar [psi])	100 [1,450]; 600 [8,700]; 1000 [14,600]
Weight (kg)	60 (excluding cooling system)
Dimensions (Height/Width/Depth)	105/40/40 cm 41.3/15.7/15.7 inch
Power requirements	230V-50/60 Hz

\* Based on indium melting tests