

CALVET LV



HIGHEST HEAT MEASUREMENT ACCURACY
with Calvet 3D sensor based on thermocouples with Joule effect calibration

ISOTHERMAL CONDITIONS
from ambient to 200 °C

LARGE SAMPLE VOLUMES
up to 100 mL, or two D-type batteries

CONVENIENT INTERCHANGEABLE CRUCIBLES AND CELLS

to perform even the most demanding experiments using one instrument :

- high pressure (up to 350 bar) and high vacuum
- pressure resistance, measurement and control
- mixing/stirring experiments
- batteries charge/discharge cycles

4 CELLS VERSIONS
for a higher throughput

TEMPERATURE	CALVET LV
Temperature range (°C)	Ambient to 200
Temperature accuracy (°C)	+/- 0.4*
Temperature modes	Isothermal or scanning < 2°C/h
HEAT & HEAT FLOW	
Enthalpy accuracy (%)	+/- 0.2*
RMS noise (µW)	0.5
Resolution (µW)	0.08
Dynamic Range (mW)	+/- 500
GENERAL	
Cells volume (ml)	Up to 93.3 (standard cell)
Pressure measured and controlled (bar [psi])	100 [1,450]; 350 [5,075]
Weight (kg)	230
Dimensions (Height/Width/Depth)	110/70/88 cm 43.3/27.6/34.6 inch
Power requirements	230V-50/60 Hz

* Based on indium melting tests