

CALVET DC ALEXSYS



BEST IN CLASS HIGH TEMPERATURE MEASUREMENTS BY DROP CALORIMETRY

improved heat capacity, heat of phase transitions, heat content measurements

HIGHLY SENSITIVE HIGH TEMPERATURE CALVET 3D SENSOR

dual drop capability with a measurement drop tube and a reference drop tube

ISOTHERMAL CONDITIONS

up to 1000 °C

FINE CONTROL OF THE SAMPLE REACTIVITY

and preserved sensor lifetime with an Inconel protective tube, a chemically inert silica based drop tube with optional platinum liner, and the control of the atmosphere above the sample

TEMPERATURE	CALVET DC ALEXSYS
Temperature range (°C)	500 to 1000
Temperature stability (°C)	+/- 0.2
HEAT & HEAT FLOW	
Calorimetric precision (%)	+/- 1%*
RMS noise (µW)	30
Resolution (µW)	12.5
GENERAL	
Cells volume (ml)	Up to 28 ml (quartz cell) or 20 ml (platinum crucible)
Weight (kg)	720 (calorimeter) + 225 (power rack)
Dimensions (Height/Width/Depth)	55.1/39.4/39.4 inch (calorimeter) 47.2/39.4/39.4 inch (power rack)
Power requirements	230V-50/60 Hz

* Based on sapphire drop