

## 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 800 or 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	
<b>Temperature range (°C)</b>	500 to 800	500 to 1000
<b>Temperature stability (°C)</b>	+/- 0.2	+/- 0.2
HEAT & HEAT FLOW		
<b>Calorimetric precision (%)</b>	+/- 1%*	+/- 1%*
<b>RMS noise (µW)</b>	30	30
<b>Resolution (µW)</b>	12.5	12.5
GENERAL		
<b>Cells volume (ml)</b>	Up to 28 ml (quartz cell) or 20 ml (platinum crucible)	
<b>Weight (kg)</b>	300	300
<b>Dimensions (Diameter /Height)</b>	800 / 880 mm, Separate electronics	
<b>Power requirements</b>	230V-50/60 Hz	

\* Based on sapphire drop