

Technical Specifications

NETZSCH

DSC 300 Caliris® Classic

Temperature range	-170°C to 600°C
Heating/Cooling rate	0.001 K/min to 100 K/min*
Temperature accuracy	± 0.1 K (indium)**
Enthalpy precision	± 0.1% for indium
Enthalpy accuracy	< 1% for adamantan, indium, zinc; < 2% for most materials**
Cooling device options	<ul style="list-style-type: none">▪ Compressed air cooling (RT to 600°C)▪ IC40 (-40°C to 600°C)▪ IC70 (-70°C to 600°C)▪ LN₂ cooling, automatically controlled (-170°C to 600°C)
Gas atmospheres	Inert, oxidizing, static and dynamic operation
Gas control	<ul style="list-style-type: none">▪ Switches for 3 gases included▪ MFC for 3 gases, optional
ASC	Up to 20 samples and references, optional

* Maximum rates depend upon the temperature

** Deviation of measured value from "true value" (literature value)