

Technical Specifications

NETZSCH

DSC 300 Caliris®						
	Supreme			Select		
Color touch display	■			■		
Modules	freely selectable and upgradeable			fixed selection		
Module type	H 	P 	S 	H 	P 	S 
Max. T/°C	750	600	600	650	600	600
Temp. accuracy/K	± 0.05 (indium)	± 0.1 (indium)	± 0.1 (indium)	± 0.05 (indium)	± 0.1 (indium)	± 0.1 (indium)
Min. heating/cooling rates K/min ²	0.001	0.001	0.001	0.001	0.001	0.001
Cooling with LN ₂ , min. T/°C	-180	-170	-170	-180	-170	-170
Cooling with intra-cooler, min. T/°C	-90	-70/-40	-70/-40	-90	-70/-40	-70/-40
Cooling with pressurized air, min. T/°C	<0	<0	<0	<0	<0	<0
Gas-tight design	■	■	■	■	■	■
Gas atmospheres	inert/oxidizing, static/dynamic					
Integrated 3-fold MFC	■	■	■	■	■	■
4 th MFC ¹	□	□	□	-	-	-
192+12-position ASC	□	□	□	□	□	□
Piercing device	□	□	□	□	□	□
100 Hz data acquisition	■	■	■	□	□	□
Enthalpy accuracy/%	< 1 for Adamantan, Indium, Zink; < 2 for most materials					
Measuring range/mW	± 750	± 750	± 650	± 750	± 750	± 650
Digital resolution/μW	± 0,25	± 0.25	± 0.2	± 0.25	± 0.25	± 0.2

1 for gas mixtures

2 depending on the cooling device

■ included

□ optional