

Technical Specifications

NETZSCH

DSC 300 Caliris®							
	Supreme			Select			Classic
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	600
Temperature accuracy/K (indium)*	± 0.05	± 0.1	± 0.1	± 0.05	± 0.1	± 0.1	± 0.1
Heating/cooling rates K/min**	0.001 to 200	0.001 to 500	0.001 to 100	0.001 to 200	0.001 to 500	0.001 to 100	0.001 to 100
Cooling with LN ₂ , min. T/°C	-180	-170	-170	-180	-170	-170	-170
Cooling with intra-cooler, min. T/°C	-90	-70/-40	-70/-40	-90	-70/-40	-70/-40	-70/-40
Cooling with pressurized air, min. T/°C	<0	<0	<0	<0	<0	<0	<0
Gas-tight design	■						
Gas atmospheres	inert/oxidizing, static/dynamic						
Integrated 3-fold MFC	■						□
4-fold MFC***	□						
192+12-position ASC	□						-
20-position ASC	-						□
Piercing device	□						
100 Hz data acquisition	■			□			
Enthalpy accuracy/%	< 1 for adamantan, indium, zinc*						
Measuring range/mW	± 750	± 750	± 650	± 750	± 750	± 650	± 650
Unlimited warranty****	□						

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

** depending on the cooling device

*** for gas mixtures

**** In connection with maintenance contract

■ included
□ optional