



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	650/750	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***	□	□	□	-	-	-	-
ASC	□						
Piercing device	□						
100 Hz data acquisition	■			□	□	□	-
Enthalpy accuracy/%	< 1 for adamantane, indium, zinc						
Measuring range/mW	± 750	± 750	± 650	± 750	± 750	± 650	± 650
Magnetic feet	□						
Coupling	□	-	-	-	-	-	-
Unlimited warranty****	□						

* deviation of the measured value from the "true value" (literature value)
 ** depending on the cooling device
 *** for gas mixtures
 **** in connection with maintenance contract

■ included
 □ optional