

# 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 <sub>2</sub> , 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; < 2 for most materials						
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