

## SETLINE DSC / DSC+



**EASY TO USE WITH ROBUST SENSOR TECHNOLOGY**  
ensuring quality, consistent and reliable data

**AVAILABLE WITH HIGH PRESSURE CRUCIBLES**  
up to 500 bar at 600°C

**ACCESSIBLE INSTRUMENT & SENSOR**  
for easy, cost effective replacement

**LOWER COST OF OWNERSHIP**  
through simplified maintenance and a Replacement Parts Guarantee

**TECHNICAL & APPLICATION SUPPORT**  
for fast expert help with any questions

**CALISTO 2.0 EXCLUSIVE SOFTWARE**  
for intuitive and easy data handling

TEMPERATURE	SETLINE® DSC	SETLINE® DSC+
<b>Temperature range (°C)</b>	-170 to 700	-170 to 700**
<b>Programmable heating rate (°C/min)</b>	0.01 to 100	0.01 to 100
<b>Cooling time</b>	12 min from 500°C to 100°C (air) 12 min from 25°C to -100°C (LN <sub>2</sub> ) 5 min from 100°C to 0°C (cryothermostat)	12 min from 500°C to 100°C (air) 12 min from 25°C to -100°C (LN <sub>2</sub> ) 5 min from 100°C to 0°C (cryothermostat)
<b>Enthalpy accuracy / precision ** (%)</b>	+/- 0.8 / 2.5	
<b>Temperature accuracy / precision ** (°C)</b>	+/- 0.30 / 0.50	
<b>DSC measurement range (mW)</b>	+/- 6 000	
<b>Atmosphere</b>	Inert gas, air (possible gas switch between 2 gases)	
<b>Gas flow range (ml/min)</b>	10 to 100	
<b>Autosampler</b>	-	59 positions (samples or references)
<b>Height - Width - Depth (mm) / (in)</b>	320 - 380 - 500 / 12.6 - 15 - 19.7	365 (825 open) - 455 - 510 / 14.4 (32.5 open) -17.9 - 20
<b>Power requirements</b>	230V - 50/60Hz	

\*Lower temperatures can be achieved. The time to reach these minimum temperatures can be over two hours;

\*\*When subambient cooling devices are used, the autosampler cannot operate; \*\*\*Based on indium melting tests