

## SPECIFICATIONS

STA instrument (simultaneous thermal analyzer) complete with soft- and hardware, incl. calibration standards and accessories

### GSA PT10

<b>Temperature range:</b>	-100°C up to 200°C
<b>Vacuum:</b>	up to 10E-5mbar
<b>Pressure:</b>	up to 15 bar
<b>Heating rate:</b>	0,01 up to 20°C/min (depends on furnace)
<b>Temperature resolution:</b>	± 0,1°C
<b>Temperature accuracy:</b>	± 0,3°C (substance calibration)
<b>Data evaluation rate:</b>	max. 10/s
<b>Pressure control:</b>	up to 15 Bar (adjustable, software controlled)

### TG

<b>Resolution:</b>	0,1 ug
<b>Max. sample weight:</b>	5 / 25 g
<b>Measuring range:</b>	25 / 2500 mg

### DSC

<b>DSC-sensors:</b>	E / K / S / B
<b>DSC resolution:</b>	0,3 / 0,4 / 1 / 1,2 µW
<b>DSC-RMS-noise:</b>	4 / 6 / 17,6 / 22,5 µW

### DTA

<b>DTA-resolution:</b>	0,03 nV
<b>DTA-measuring ranges</b>	250 / 2500 µV