

Polymer analysis - rotation-type rheometer

Technical data

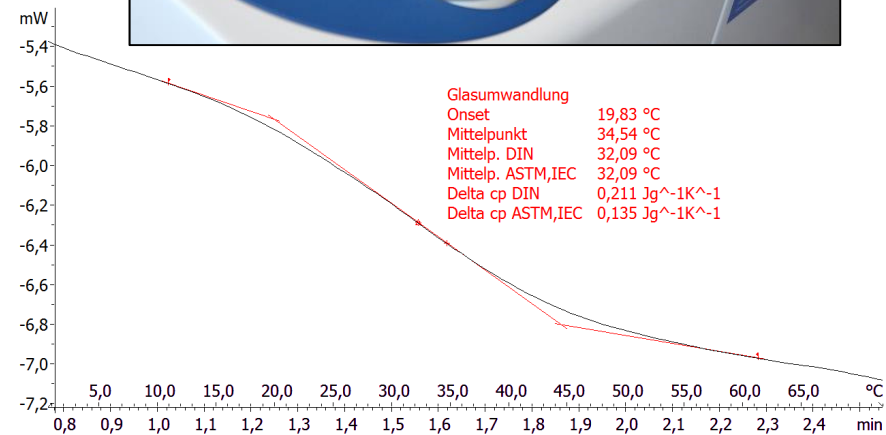
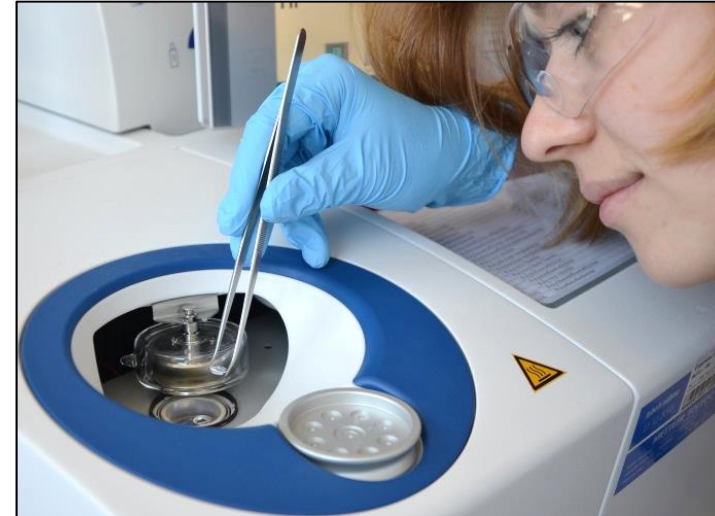
Device	Mettler - Toledo DSC1
Measuring principle	Heat flow compensated
Cooling system	Compressor (Intra Cooler)
Temperature range	-85 to +700 °C
Heating rates	0.02 to 300 K/min
Special configuration	Separate purging gas connection for the use of any desired gases

Areas of use / applications

Characterization of polymer materials such as plastics, matrix resins or fibre compound components and adhesives

Investigation of the following phenomena:

- Melting behaviour
- Crystallization behaviour
- Chemical reactions (cross linking, decomposition)
- Batch comparisons
- Stability investigations
- Modification changes



Determination of the glass transition temperature of an adhesive