

Dynamic Difference Calorimetry

NETZSCH DSC 404cell

Principle

Dynamic difference calorimetry (DSC) for the determination of melting points, polymorphy, phase diagrams, eutectic purity, crystallinity of substances, phase transitions (solid-solid; solid-liquid), glass transition, specific heat, cross linking, oxidation stability, decomposition.

Manufacturer	NETZSCH
Temperature Range	RT to 1450 °C
Atmosphere	<ul style="list-style-type: none">• Inert (<i>argon, nitrogen, helium</i>)• Synthetic air
Heating Rate	up to 20 K/min
Samples	Powder, slices (<i>diameter 4 mm, thickness < 1 mm</i>)
