

Netzsch DSC 214 Polyma



Heat flux DSC is of a single furnace design with a temperature sensor for each of the sample or reference pans located within the same furnace. When transitions in the sample are encountered, a temperature difference is created between sample and reference.

DSC can

- Identify polymorphic forms of a compound
- be used to characterize a solid dispersion system
- determine the miscibility of the components for understanding of dissolution and release kinetics
- analyse the dissolution of solid dispersions
- Study of solid-state kinetics such as accelerated stability, decomposition, and the effects of aging on different pharmaceutical formulations

Range -40 to 600°C

