

SPECIFICATIONS

Induction Dilatometer complete with soft- /hardware and accessories Data acquisition software for controlling of the Dilatometer

Dilatometer L78Q RITA

| | |
|----------------------------|--|
| Temperature rang: | RT up to 1600°C (-150°C to 1600°C with cryo option) |
| Sample length: | Approx. 10mm |
| Heat up speed: | Max. 4000K/s (hollow sample, maximum of 1 st derivative) |
| Cooling speed: | Max. 2500K/s (hollow sample, maximum of 1 st derivative) |
| Sample diameter: | 3mm or 4mm (reduced heating and cooling rate) or hollow OD 4mm ID 3 to 3.5mm |
| Measuring range: | +/- 1.2mm |
| Maximum resolution: | 10nm |
| Vacuum: | 10E-5mbar (depending on pump type) |