

Rheometer Geometries

Parallel Plate measuring systems:

Parallel-plate systems are recommended for testing pastes, gels, soft solids, or highly viscous polymer melts. A relatively small amount of sample is required. Due to the adjustable gap, you can set various measuring conditions. The following diameters are available at SMIF:

- 24.990 mm
- 14.983 mm
- 7.958 mm

Cone-plate measuring systems:

Cone-plate geometries are suitable for all types of fluids. Only a small sample volume is required. However, their applicability to dispersions is limited to a certain maximum particle size ($<10\ \mu\text{m}$). Only one geometry is available at SMIF:

- Diameter: 24.989 mm
 - Angle: 1.006
 - Truncation: 49 μm

Customized solutions

The following images are customized solutions:



Diameter: 25 mm



Diameter: 25 mm