

Capillary Rheometers

Principle

Application of a shear rate range and measurement of the correspondent pressure drop from the barrel to the die to determine melt viscosity.

Capabilities

- Melt viscosity in a wide range of shear rate (1 to 100,000 s⁻¹)
- Thermal stability tests
- Evaluation of pressure profiles
- Evaluation of the extrudate (color, flow instabilities, die swelling, die drool, ...)

Assets

	Asset	Details
	Göttfert Rheograph 2003	Strain controlled capillary rheometer equipped with a wide range of dies and pressure transducers. Temperatures: +30 to +450 °C.
	GOTTERT RG 20	Strain controlled capillary rheometer equipped with a wide range of dies and pressure transducers. Temperatures: +30 to +450 °C.

[back to Rheology and Physical Lab Home](#)