



## RHEO-TESTER 2000

the Dual Bore Capillary Rheometer with Expanded Measuring Range



**GÖTTFERT**®

certified according to DIN EN ISO 9001

GFT 012.01.2-9-02

## RHEO-TESTER 2000

This is the first table-top capillary rheometer with a dynamic speed range of 1: 200 000 and the first one with electronics based on the new CAN-Bus. Digital measuring and on-line calibration are an integral part of this technology that has already found its way into the automobile industry. These advantages of the **RHEO-TESTER 2000** are hard to beat:



RHEO-TESTER 2000 ...  
with die swell measurement



... and drawing the melt (RHEOTENS)

- Max. extrusion force of 20kN
- Max. extrusion speed of 20 mm/sec
- Choice of one- or dual-bore versions
- Longest barrel (285 mm)
- Optional capabilities for melt temperature measurement in the entrance and exit area of the capillary
- Control and analysis software WinRHEO in 32-Bit version allows freely selectable speed and pressure/force steps (increasing or decreasing)
- Real-time monitoring of raw and calculated data in parallel to ease making quick judgments concerning a test

## Specifications

<b>Test Chamber</b>	Barrel length : 285 mm Diameter : 9.5 and 12 mm	<b>Temp. Control</b>	PID, resolution 0.1°C
<b>Piston Speed</b>	0.0001- 20 mm/sec	<b>Power Supply</b>	115 V, 60 Hz; 230V, 50 Hz
<b>Dynamic Range</b>	1 : 200 000	<b>Options : Die Swell</b>	Laser Micrometer
<b>Test Force</b>	max. 20 kN	<b>Melt Elongation</b>	<b>RHEOTENS</b>
<b>Capillaries</b>	Hardened steel jacket with hard metal insert, length 40 mm max.		



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