



For those who always wanted to have more than just melt index

RHEO-TESTER 500

A true capillary rheometer



GÖTTFERT®

certified according to DIN EN ISO 9001

GFT012.05.0-9-02

RHEO-TESTER 500

This entry-level capillary rheometer, with all of the inherent advantages found in GOETTERT capillary rheometers, is capable of generating a force of 5 kN. This easily enables the measurement of viscosity flow curves over a wide range of shear rates for a broad range of materials – especially polymers. Together with the **MFR option**, this instrument can be used as an extrusion plastometer according to ASTM D-1238.



The RHEO-TESTER 500 can run an ASTM D-3835 capillary rheometer test and an ASTM D-1238 MFR test.

- Digital measuring and calibration systems using advanced **CAN-Bus technology**
- Up to **5 kN** force available
- Maximum extrusion speed of **30 mm/sec.**
- 32 bit operating and evaluation software **WinRHEO** enables freely programmable speed or pressure / force steps in either increasing or decreasing increments
- **Real-time monitoring** of raw data and calculated values to facilitate simple and quick decision-making

Specification

Chamber	Barrel length : 130 mm Diameter : 9.5 mm	Temperature Control	PID, Resolution 0.1°C
Piston Speed	0.0005- 30 mm/sec	Power Supply	115 V, 60 Hz; 230 V, 50 Hz
Dynamic Speed Ratio	1 : 60 000	Options :	
Force	max. 5 kN	Melt Index MFR	Manual determination acc. to ISO/ASTM testing
Capillaries	Hardened steel jacket with hard metal insert	Extensional Viscosity	RHEOTENS



GÖTTERT · WERKSTOFF-PRÜFMASCHINEN GMBH
 D-74722 Buchen/Odenwald · Siemensstraße 2 · Postfach 1261
 Tel. (+49) 6281/40 80 · Fax (+49) 6281/40 818 · E-Mail : info@goettfert.de
<http://www.goettfert.com>

488 Lakeshore Parkway · Rock Hill, SC 29730 · U.S.A.
 Phone (+1) 803/324-3883 · Fax (+1) 803/324-3993 · E-Mail : usamail@goettfert.com