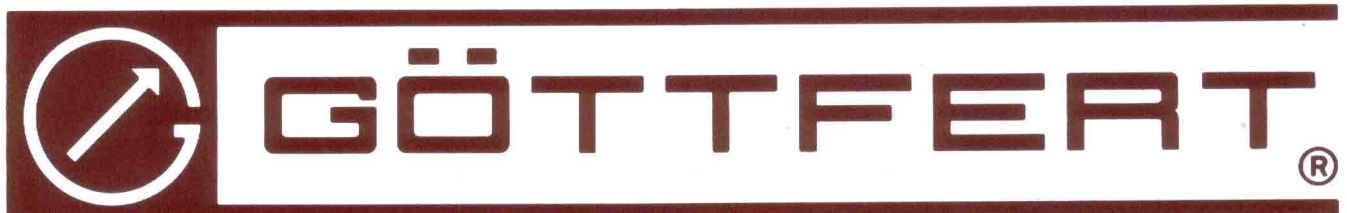


MINI BYPASS RHEOGRAPH "MBR"

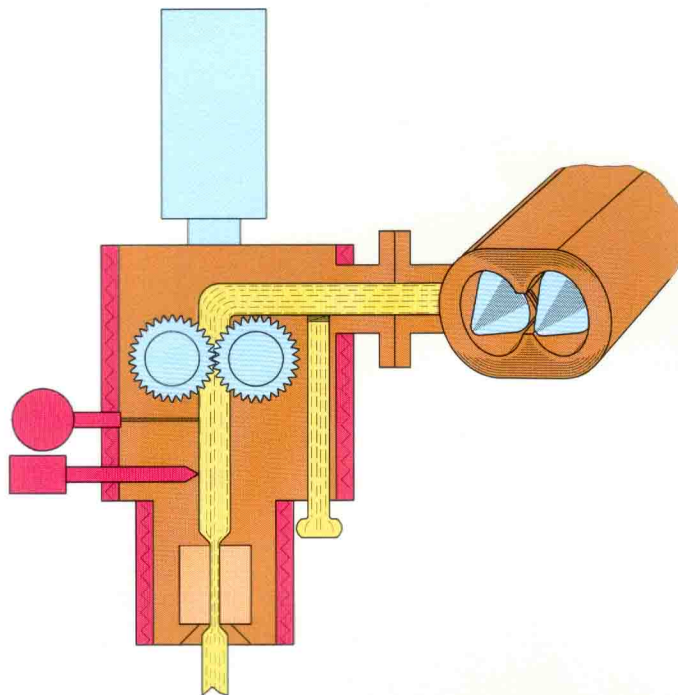
Features

One of the most outstanding features of the new **MINI BYPASS RHEOGRAPH MBR** is its compact size. With a **width of approx. 150 mm** this new system is one of the smallest on-line rheometers available. Even in tight space this new design can be installed without problems. The reduced weight of 30 kg only eliminates costly mounting arrangements. A **new die exchange system** makes die changes quick and easy.



certified according to DIN EN ISO 9001

GFT 019.02.1-9-04



The **MINI BYPASS RHEOGRAPH MBR** has been designed specifically for finishing and compounding processes, which typically have frequent product changes. Its compact size allows a simple and easy installation. Since the melt is not returned into the system allowing an easy access to the die, it can be changed easily and with a minimum of downtime.

Technical Data

Die geometry (mm)	L/D: 20/1, 20/2, 20/3, 20/4, 40/1, 40/2, 40/3, 40/4
Control of volumetric streams	Positive displacement gear pump capacity 0,202 ccm/rev
Drive	Infinitely variable servo-motor: 0.1 – 100 rpm
Temperature control	Two heating zones, sensor PT100
Temperature range	60 °C – 350 °C
Measurement of melt temperature	Iron-constantan thermocouple, direct measurement in melt channel
Data Processor	Microprocessor for determination of raw test data
Communication with PC	Data exchange between microprocessor and PC
PC Evaluation Software	Parameter input, storage of data and numerical and graphic output of data
Power Requirement	1 × 230 V ± 10%, L + N + PE / 50 Hz Other voltages upon request – approx. 2.5 kW



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