

## MBR-TD

### On-line Capillary Rheometer

**MBR-TD** is the first on-line capillary rheometer with three simultaneously fed dies. **MBR-TD** is based on the **MBR**, Goettfert's proven discharge rheometer system. A digital resolver has improved the speed control of the servo drive to provide an effective control range of 1:1000.



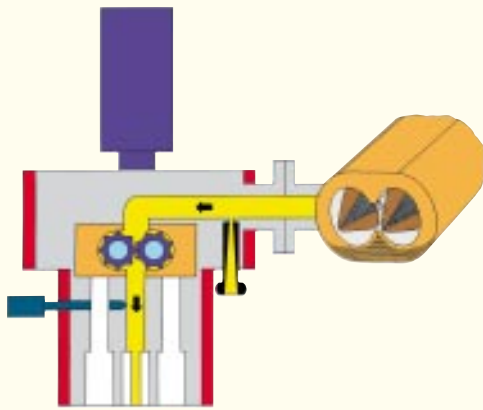
# GÖTTFERT®

certified according to DIN EN ISO 9001

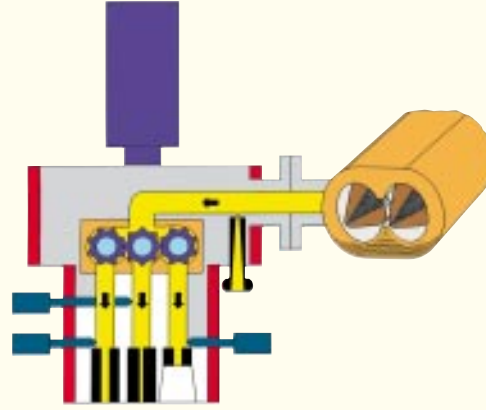
GFT 19.02.2-9-02

## MBR-TD

- **The only on-line rheometer with simultaneous feed of three capillaries**



**MBR-TD with one capillary**



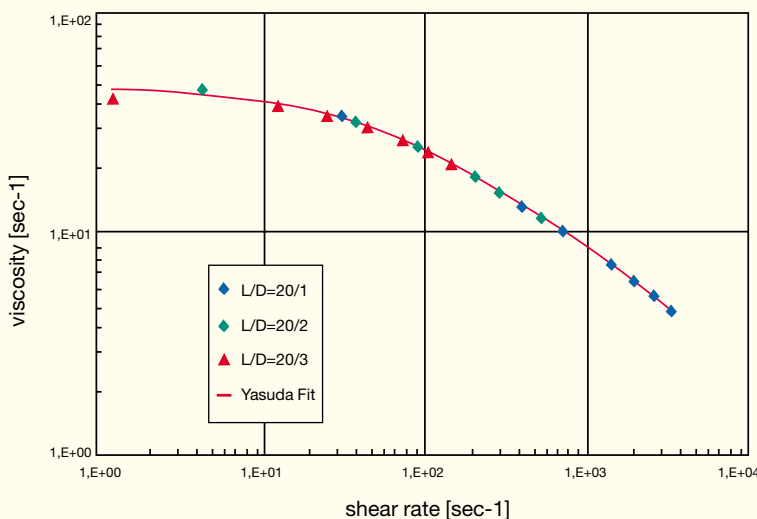
**MBR-TD with three capillaries**

The **MBR-TD** provides the broadest possible measuring range of all on-line capillary rheometers. With three capillaries up to five decades of shear rates are possible. Measured material is discharged to a waste container. Depending on the configuration, the MBR-TD uses 200-500 g/hr. of material.



**Servo drive  
with digital  
resolver**

<b>Speed range</b>	0.1 - 100 rpm
<b>Control range</b>	1 : 1000
<b>Typically used range</b>	0.5 - 100 rpm
<b>Accuracy</b>	+/- 0.1 rpm



- **Extended shear rate range over five decades**
- **4-parameter model fit (Yasuda)**
- **Continuous Bagley-correction**
- **Broad MFR-range (0.1 – 1000 g/10 min)**



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