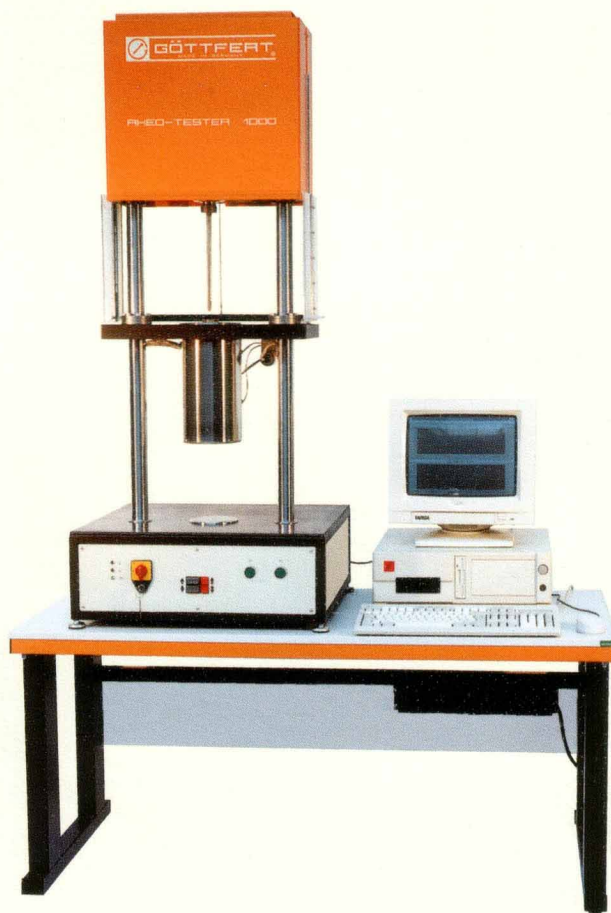




1962 - 1992



RHEO - TESTER 1000

The **RHEO-TESTER 1000** is an ideal instrument for rheological quality control. Its modular design allows the optional integration of a Laser Die Swell unit and a **RHEOTENS**, a unit designed for testing the tensile strength of polymer melts. The **RHEO-TESTER 1000** is PC controlled using **WinRHEO** operating software, specifically developed by Göttfert for its entire line of capillary rheometers. It runs under Windows from Microsoft and offers both user friendliness and flexibility.



GÖTTFERT®

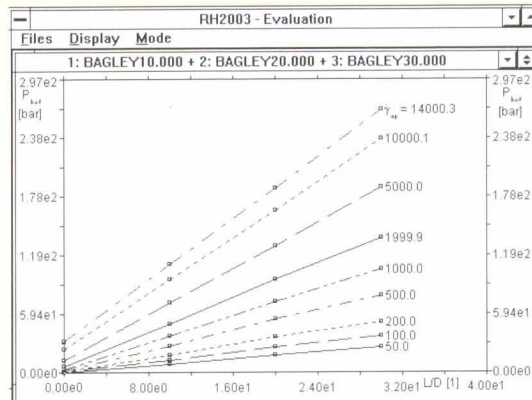
Capillary rheometry is an integral part of a rheological characterization. The **RHEO-TESTER 1000** is an economical rheometer for quality control and monitoring of production. A force range of 10kN is standard, which easily enables the measurement of viscosity over a wide range of shear rates.

The most innovative feature is PC control with **WinRHEO** software under MS WINDOWS.

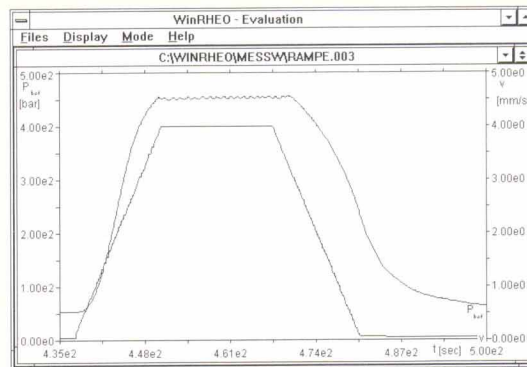
Technical Data:

Test Force	15 kN
Dynamic Speed Range	1 : 20 000
Max. Testing Temperature	400 °C 500 °C (Option)
Temp. Resolution over Barrel Length	±0.1 °C
Linearity of Temperature	< 0.5 °C
Measurement	Choise of Pressure or Force Option
Operating Program: Includes Rabinowitsch and Bagley Correction, Ostwald/deWaele Power Law, Carreau, Arrhenius Temperature Shift Factor and WLF.	WinRHEO under MS WINDOWS
Laser Die Swell Measurement	Option
Melt Tensile Testing	Option

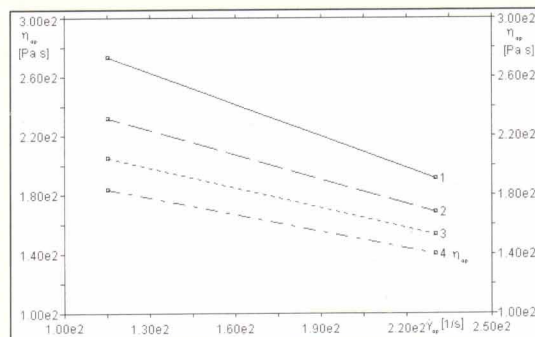
This includes **ARC (Absolute Rheometer Control)**, which allows the user to write his own test routines. Tests such as flow instabilities, relaxation behaviour and thermal stability can be programmed individually with **ARC**.



Automatic Bagley Correction



Speed Ramp Programmed Individually with ARC



Thermal Stability of a Polymer Melt