

Viscosity Determination With Cone - Plate Stand



Suitable for

- Rheomat 180 T
- Rheomat 180
- Rheomat 140

**Reasonable
Accurate
Reliable**

Viscosity determination at high temperatures: coaxial cylindric measuring systems and Rheotemp III

Viscosity determination at high temperatures is usually done with plate measuring systems. But this technique is difficult to use because of very slight differences in filling or dimension of the measuring system, leading to important errors of measurement results.

Here is the alternative: Rheotemp III

The oven for viscosity measurements with coaxial measuring systems at high temperatures. Rheotemp III is available in two

Rheotemp III: Temperature range: 150°C to 800 °C

Weight: ca. 40 Kg

Dimensions: ca. 450 X 450 X 800 mm

Rheotemp III H: Temperature range: 400°C to 1.400 °C

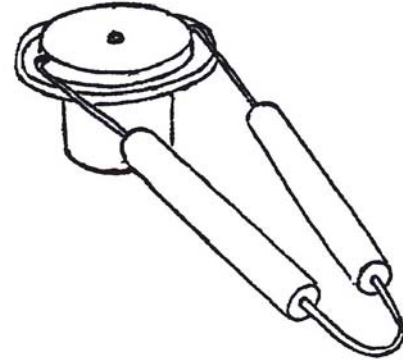
Please ask for details. Materials used: to be agreed

The illustration shows the insert with pair of pliers. Disposable cups of suitable material are placed in the insert for the measurement.

As measuring bobs coaxial measuring systems in size A, B, C, D and E are available.

Measuring ranges:

Measuring system	Volume ca. cm ³	Shear rate [s ⁻¹]		Viscosity [Pas]		
		min.	max.	min.	max.	max. T-Version
A	80	10	1.990	0,003	4,500	11,200
B	50	3	555	0,009	34,600	86,500
C	20	2	390	0,085	321,950	805,000
D	10	1,5	280	0,860	3.270,000	8.175,000
E	7	1	225	6,100	23.320,000	58.300,000



with cone-handle as gap result

systems versions:

proRheo GmbH
 Bahnhofstr. 38,
 D-75382 Althengstett
 Tel.: + 49 - 7051 – 9 24 89-0
 Fax: + 49 - 7051 – 9 24 89-29
 office@proRheo.de
 www.proRheo.de

- **Laboratoy Rheometer**
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- **Service**
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- **Consulting**