

Leading Viscosity Technology

ACCESSORIES FOR ROTATIONAL VISCOMETERS

LCP and *LCP/B*

Low viscosity adapters

The low viscosity adapter is used with the rotational viscometers to perform accurate and reproducible readings on materials with viscosity as low as 1 cP (mPa·s). Cylindrically designed for shear measurements. (Supplied with spindle.)

TECHNICAL FEATURES

- Easy to clean, removable stainless steel sample container.
- Sample volume: from 16 to 18 ml.
- Flow jacket for sample thermostatisation from -10 to +100°C (optional).
- PT100 accurate temperature probe (optional).



Viscometer type	Measuring range (cP)
L	1 - 2.000
R	5 - 21.333

Alpha series



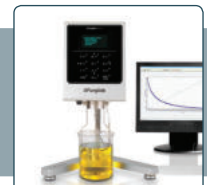
Smart series



Expert series



Premium series



Technical specifications for LCP accessories

MEASUREMENTS RANK

SAMPLE L	0.9* until 2000 mPa.s or cP
SAMPLE R	3.2** until 21333 mPa.s or cP

*Limited by turbulences

**For the measurements that represent 10 % of the base scale

SAMPLE VOLUME: 16.0 ml

SHEAR RATE FACTOR FOR THE LCP SPINDLE: 1.2236 x RPM ***

*** Shear rate is calculated based on the features of Newtonian liquids.

TEMPERATURE RANK OF THE CIRCULATION JACKET & THERMO STATION CONDITIONS:

- Temperature rank allowed: -10 a +100°C (14 a 212 °F)
- Use a thermo station wash with demineralised water or special refrigeration liquid. Change thermostat liquid regularly. Recommended flow: 15 l/min.

OTHER SPECIFICATIONS:

The metallic parts are made of stainless steel; the leads are made of black delrin plastic.

The parts that come into contact with the sample (sample container and spindle) are made of AISI 316 and are suitable for the food industry.

The lead inferior washer is made with black delrin. It is designed to withstand a maximum temperature of 100 °C (212 °F)

The circulation jacket is made of acetyl and Delrin.

The O-ring on the plastic stopper (M) of the LCP Adapter is made of delrin. The softening point is 110°C (230 °F).



LCP/B



LCP/B



LCP

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