RM 200 PLUS

The rheology at your fingertips

Thanks to its large storage capacity and its easy programming, the rheometer RM200 PLUS allows you to realize all your measurements of flow curves, yield point, thixotropic, curve fitting without software.

**FEATURES AND BENEFITS**

- Ramp programming.
- Direct analysis with regressions.
- Direct control of temperature unit.
- Huge viscosity range.
- Programming and recording method.
- Direct measure with time to stop.
- User and locked mode.
- Data recording and USB transfer.
- Torque gage on display.
- Integrated temperature probe.
- Printer connection.
- Compatible with RheoTex software.

AC265 coupling

www.lamyrheology.com
SPECIFICATIONS

Type of instrument
Rotating springless rheometer with imposed speeds and 7” Touch screen

Rotation speeds
Unlimited number of speeds between 0.3 and 1500 rpm

Torque range
From 0.05 to 30 mNm

Temperature
The RM 200 PLUS has a PT100 sensor which indicates temperatures between -50 °C to + 300 °C

Accuracy
+/- 1 % of the full scale

Display
Viscosity – Speed – Torque – Shear stress – Time –Temperature Choice of viscosity units: cP/Poises or mPa.s / Pa.s – Shear rate

Security and confidentiality
An «operator» function allows you to enter a username for your instrument. This user must then be identified using a 4-digit code. There is also a protected mode that locks your measurement conditions.

Language
French/English/Russian/Spanish

Compatible measuring system
MS DIN, MS ASTM, MS BV, MS VANE, MS R, MS HT, MS ULV, MS SV, MS CP

Compatible temperature control
EVA DIN, EVA MS-R, EVA LR-BV, RT1, RT3, CP1

Supply voltage
90-240 VAC 50/60 Hz

Analog output
4 – 20 mA

PC connections
RS232 Port and USB

Printer connection
USB Host Port
Compatible PCL/5

What benefits are there for you?
Save your flow curves and calculate your rheological parameters directly without computer (Plastic viscosity, flow limit, Thixotropy, Regression model according to Newton, Bingham, Casson and Ostwald) . Choose your attachment system tailored to your product constraints.

ACTIVITY DOMAINS

- Food Industry
- Cosmetics pharmaceuticals
- Paint / ink / coatings
- Chemical / petroleum products
- Car industry
- Building materials
- Teaching
- Chocolate

AVAILABLE INSTRUMENTS:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Designation Instrument</th>
<th>Viscosity range (mPa.s)</th>
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<tbody>
<tr>
<td>N200000</td>
<td>RM 200 PLUS RHEOMETER (standard stand)</td>
<td>1 to 780M*</td>
</tr>
<tr>
<td>N200002</td>
<td>RM 200 PLUS RHEOMETER (without stand)</td>
<td>1 to 780M*</td>
</tr>
<tr>
<td>N200110</td>
<td>RM 200 PLUS RHEOMETER with MS-R 2-3-4 measuring system in case (standard stand)</td>
<td>12 to 120M</td>
</tr>
<tr>
<td>N200115</td>
<td>RM 200 PLUS AC115 RHEOMETER (without stand)</td>
<td>2 to 90M**</td>
</tr>
<tr>
<td>N201000</td>
<td>RM 200 PLUS RHEOMETER with MS-R1 to 5 measuring system in case (standard stand)</td>
<td>12 to 475M</td>
</tr>
<tr>
<td>N203000</td>
<td>RM 200 PLUS AC265 RHEOMETER (without stand)</td>
<td>1 to 28M***</td>
</tr>
</tbody>
</table>

*M for millions, K for thousand  
* According to measuring system  
** With MS HT. Not included.  
*** With MS CP. Not included.