



VISCOMETERS

粘度计

## LAMY RHEOLOGY

is the first French manufacturer of measuring instruments for laboratories, research and industry.



65  
YEARS

of groundbreaking  
first and innovative  
thinking

**The satisfaction of our customers is our priority.**

### 粘度计 VISCOMETERS

- 8 B-ONE PLUS
- 10 FIRST PLUS
- 12 FIRST PRO
- 14 FIRST PRODIG
- 16 FIRST PRODIG CP 1000
- 18 RM 100 PLUS
- 20 RM 100 CP 1000 PLUS
- 22 RM 100 CP 2000 PLUS
- 24 GT-300 PLUS
- 26 GT-300 PRODIG

# B-ONE PLUS

The economical solution  
for your viscosity  
measurements



Intuitive and powerful, the new B-ONE PLUS will surprise you with its extended measuring range in LR version or with its optional temperature sensor.

易用性和强大功能，新的B-ONE PLUS将以其在LR版本中扩展的测量范围或可选的温度传感器令您惊讶。

## FEATURES AND BENEFITS 特点

- Direct measure with time to stop.测试结束时自动停止。
- User and locked mode.用户和锁定模式。
- Data recording and USB transfer.数据记录和USB传输。
- Torque gage on display.显示屏上直接显示扭矩
- External temperature probe (option).外部温度探头（选件）
- Display of viscosity limits according to mobile and speed.进度条显示粘度值

## WHAT'S INCLUDED WITH DEVICE ?

(according to part number)根据部件号

- 4 Spindles LV or 6 spindles RV or Krebs spindle KU 1-10 .  
4个LV转子或6个RV转子或KU 1-10转子
- 1 Standard stand or rack stand. 1个标准支架或机架支架。
- 1 Touch screen stylus. 1个触摸屏触笔
- 1 User manual. 1本用户手册。
- 1 Calibration and checking certificate. 1份校准和检查证书。
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N600000	B-ONE PLUS VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with standard stand)	200 to 240M
N600200	B-ONE PLUS VISCOMETER WITH SPINDLE KU 1-10 (with standard stand)	40 to 140KU
N600009	B-ONE PLUS VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with rack stand)	200 to 240M
N600300	B-ONE PLUS LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with standard stand)	15(1*) to 22M
N600309	B-ONE PLUS LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with rack stand)	15(1*) to 22M

M for million / (\*) Can reach 1 mPa.s with MS ULV (p.78). Not included.

## 技术参数

## SPECIFICATIONS

**Type of instrument** 仪器类型

Rotating springless viscometer with 7" Touch screen  
带7"触摸屏的无弹簧旋转粘度计

**Rotation speeds** 转速

Unlimited number of speeds between 0.3 and 250 rpm  
在0.3 and 250 rpm之间自由调节

**Torque range** 扭矩范围

Standard Version 标准版: 0.05 to 13 mNm  
LR version LR版本: 0.005 to 0.8 mNm

**Accuracy** 精度

+/- 1 % of the full scale 全量程

**Repeatability** 重复性

+/- 0,2 %

**Display** 显示

Viscosity 粘度 (cP/Poises or mPa.s / Pa.s)  
Speed 速度 – Shear rate 剪切速率 – Torque 扭矩 – %-  
Shear stress 剪切应力 – Time 时间 – Temperature 温度  
(in option 选项)

**Norms** 标准

ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ;  
D1338 ; D1417 ; D1439 ; D1824 ; D2196 ; D2243 ;  
D2364 ; D2556 ; D3288 ; D3468 ; D3716 ; D3730 ;  
D3794 ; D4016 ; D4143 ; D4878 ; D4889 ; D5324 ;  
D5400 ; D6279 ; D6577 ; D7394 ; D8020 ; E2975 ;  
F1607 ; BS 5350 ; DIN 2555 ; 3219 ; 52007-1 ; 53019-  
1;54453 ; EN 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ;  
12802 ; 15425 ; 15564 ; ISO 1652 ; 2555 ; 2884-2 ;  
3219 ; 10364-12

**Languages** 语言

French/English/Russian/Spanish/Turkish/German  
法语/英语/俄语/西班牙语/土耳其语/德语

**Supply voltage** 电压

90-240 VAC 50/60 Hz

**Connection** 接口

USB port

**Dimensions and weight** 尺寸和重量

Head 测试头: D180 x H230 x W130 mm  
Aluminium stand 铝支架: L280 x W200 x H30 mm  
Stainless steel rod :Length 500mm  
标准支架: 长500mm  
Weight 重量: 6.7 kg



Ref.N600200  
B-ONE  
PLUS  
+ KU 1-10

## COMPATIBLES 兼容转子

## MEASURING SYSTEMS

MS-RV, MS-LV, MS-BV,  
MS-VANES, MS-KREBS,  
MS-SV, MS-ULV, MS-DIN.

## COMPATIBLES 兼容温度控制

## TEMPERATURE CONTROLS

EVA LR, EVA MS DIN, RT-1 PLUS.

## OPTIONS &amp; ACCESSORIES



## 选件 &amp; 附件

- Carrying case 手提箱 (Ref. 100048).
- External temperature probe -50°C to +300°C 外部温度探头 -50° C至+300° C (Ref. 900026 and 405000).
- HELIPRO stand (Ref. 111015).
- Barcode reader with stand and cable 带支架和电缆的条形码阅读器 (Ref. N330000).
- Bayonet spindle rack 卡口主轴架 (Ref. 000590).
- Touch screen protector 触摸屏保护膜 (Ref. 000630).
- Viscosity standards oil 粘度标准油.
- Small volume package 小容量加热装置 (Ref. 600900/950).
- THERMOCELL package 热电偶组件 (Ref. N130150).

# FIRST PLUS

More than just a simple viscosity measurement



With its expanded possibilities and increased modularity, the FIRST PLUS will be the ideal tool for your application whether you use it alone or with its software.

凭借其扩展性和模块性，FIRST PLUS将是您的应用的理想工具，无论您是单独使用它还是与它的软件一起使用。

## FEATURES AND BENEFITS

- Direct measure with time to stop. 测试结束时直接停止
- User and locked mode. 用户和安全锁模式
- Data recording and USB transfer. 数据记录和USB传输
- Torque gage on display. 屏幕直接显示扭矩值
- Integrated temperature probe. 集成温度探头。
- Printer connection. 打印机连接
- Compatible with RheoTex software. 与RheoTex软件兼容。
- Display of viscosity limits according to mobile and speed. 进度条显示粘度值。

## WHAT'S INCLUDED WITH DEVICE ?

(according to part number) 根据部件号

- 4 Spindles LV or 6 spindles RV . 4个LV转子或6个RV转子
- 1 Integrated temperature probe. 1个集成温度探头
- 1 Standard stand or rack stand. 1个标准支架或机架支架
- 1 Touch screen stylus. 1个触摸屏触笔
- 1 User manual. 1本用户手册。
- 1 Calibration and checking certificate. 1份校准和检查证书。
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N700700	FIRST PLUS VISCOMETER WITH SPINDLE RV-2 TO RV-7 (with standard stand)	200 to 240M
N700709	FIRST PLUS VISCOMETER WITH SPINDLE RV-2 TO RV-7 (with rack stand)	200 to 240M
N700300	FIRST PLUS LR VISCOMETER WITH SPINDLE LV-1 TO LV-4 (with standard stand)	15(1*) to 22M
N700009	FIRST PLUS LR VISCOMETER WITH SPINDLE LV-1 TO LV-4 (with rack stand)	15(1*) to 22M

M for million / (\*) Can reach 1 mPa.s with MS ULV (p.78). Not included.



FIRST PLUS

技术参数

SPECIFICATIONS

**Type of instrument 仪器类型**

Rotating springless viscometer with 7" Touch screen 带7"触摸屏的无弹簧旋转粘度计

**Rotation speeds 转速**

Unlimited number of speeds between 0.3 and 250 rpm 在0.3 and 250 rpm之间自由调节

**Torque range 扭矩范围**

Standard Version 标准版: 0.05 to 13 mNm  
LR version LR版: 0.005 to 0.8 mNm

**Temperature Probe 温度探头**

Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C 配备PT100传感器, 使用范围-50°C 至+300°C

**Accuracy 精度**

+/- 1% of the full scale

**Repeatability 重复性**

+/- 0,2%

**Display 显示**

Viscosity 粘度(cP/Poises or mPa.s / Pa.s)  
Speed 转速- Shear rate 剪切速率- Torque 扭矩 - %- Shear stress 剪切应力- Time 时间- Temperature 温度

**Norms 标准**

ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ; D1338 ; D1417 ; D1439 ; D1824 ; D2196 ; D2243 ; D2364 ; D2556 ; D3288 ; D3468 ; D3716 ; D3730 ; D3794 ; D4016 ; D4143 ; D4878 ; D4889 ; D5324 ; D5400 ; D6279 ; D6577 ; D7394 ; D8020 ; E2975 ; F1607 ; BS 5350 ; DIN 2555 ; 3219 ; 52007-1 ; 53019-1 ; 54453 ; EN 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ; 12802 ; 15425 ; 15564 ; ISO 1652 ; 2555 ; 2884-2 ; 3219 ; 10364-12

**Languages 语言**

French/English/Russian/Spanish/Turkish/German 法语/英语/俄语/西班牙语/土耳其语/德语

**Supply voltage 电压**

90-240 VAC 50/60 Hz

**Analog output 模拟输出**

4 - 20 mA

**PC connections PC 连接**

RS232 Port and USB

**Printer connection 打印**

USB Host Port - Compatible PCL/5

**Dimensions and weight 尺寸和重量**

Head 测试头: D180 x H230 x W130 mm  
Aluminium stand: L280 x W200 x H30 mm 铸铝底座: L280 x W200 x H30 mm  
Stainless steel rod: Length 500 mm 不锈钢棒: 长500 mm  
Weight 重量: 6.7 kg

**TOUCH SCREEN PROTECTOR (Ref. 000630)**

This rack allows you to store in complete safety and near your instrument all the spindles having a bayonet coupling such as MS DIN, MS SV, MS-R, MS ULV, MS Krebs, MS Chocolat, MS VANE, MS RV and MS LR.



COMPATIBLES 兼容转子 MEASURING SYSTEMS

MS-RV, MS-LV, MS-BV, MS-VANES, MS-KREBS, MS-SV, MS-ULV, MS-DIN.

COMPATIBLES 兼容温度控制 TEMPERATURE CONTROLS

EVA LR, EVA MS DIN, RT-1 PLUS.

OPTIONS & ACCESSORIES

选件 & 附件

- Carrying case 手提箱 (Ref. 100048).
- External temperature probe -50°C to +300°C (Ref. 900026 and 405000).
- HELIPRO stand. (Ref. 111015)
- Barcode reader with stand and cable 带支架和电缆的条形码阅读器 (Ref. N330000).
- Bayonet spindle rack 卡口主轴支架 (Ref. 000590).

- Viscosity standards oil 粘度标准油.
- Dymo printer 打印机 (Ref. 500200) + paper roll (Ref. 500300).
- Small volume package 小容量加热装置 (Ref. 600900/950).
- THERMOCELL package 加热组件 (Ref. N130150).
- RheoTex software 软件.
- Touch screen protector 触摸屏保护膜 (Ref. 000630).

# FIRST PRO

Programmed  
for your measurements



FIRST PRO has the same enhanced programming capabilities as the most complete instruments to maximize the repeatability of your measurements.

FIRST PRO增强编程功能，以最大限度地提高测量的可重复性，是您粘度测量的理想之选。

## FEATURES AND BENEFITS

- Programming and recording method.编程和记录方法。
- Direct measure with time to stop.测试结束直接停止
- User and locked mode.用户和锁定模式
- Data recording and USB transfer.数据记录和USB传输。
- Torque gage on display.触摸屏显示扭矩
- Integrated temperature probe.集成温度探头。
- Printer connection.打印机连接
- Compatible with RheoTex software.与RheoTex软件兼容。
- Display of viscosity limits according to mobile and speed.速度条显示粘度值

## WHAT'S INCLUDED WITH DEVICE ?

(according to part number)

- 4 Spindles LV or 6 spindles RV . 4个LV转子或6个RV转子
- 1 Integrated temperature probe.1个集成温度探头
- 1 Standard stand or rack stand . 1个标准支架或机架支架。
- 1 Touch screen stylus. 1个触摸屏触笔
- 1 User manual. 1本用户手册。
- 1 Calibration and checking certificate. 1份校准和检查证书。
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N702700	FIRST PRO VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with standard stand)	200 to 240M
N702709	FIRST PRO VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with rack stand)	200 to 240M
N702300	FIRST PRO LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with standard stand)	15(1*) to 22M
N702309	FIRST PRO LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with rack stand)	15(1*) to 22M

M for million / (\*) Can reach 1 mPa.s with MS ULV (p.78). Not included.

## 技术参数

## SPECIFICATIONS

**Type of instrument 仪器类型**

Rotating springless viscometer with 7" Touch screen  
带7"触摸屏的无弹簧旋转粘度计

**Rotation speeds**

Unlimited number of speeds between 0.3 and 250 rpm  
在0.3 and 250 rpm之间自由调节

**Torque range 扭矩速度**

Standard Version 标准版本: 0.05 to 13 mNm  
LR Version LR版本: 0.005 to 0.8 mNm

**Temperature Probe 温度范围**

Equipped with a PT100 sensor which indicates  
temperatures between -50°C to +300°C 配备  
PT100传感器, 测试范围-50° C至+300° C

**Accuracy 精度**

+/- 1 % of the full scale

**Repeatability 重复性**

+/- 0,2 %

**Languages**

French/English/Russian/Spanish/Turkish/German  
法语/英语/俄语/西班牙语/土耳其语/德语

**Supply voltage 电源电压**

90-240 VAC 50/60 Hz

**Analog output 模拟输出**

4 – 20 mA

**PC connections PC连接**

RS232 Port and USB

**Printer connection**

打印USB Host Port  
-Compatible PCL/5

**Dimensions and weight 尺寸和重量**

Head 测试头: D180 x H230 x W130 mm  
Aluminium stand: L280 x W200 x H30 mm  
铸铝底座: L280 x W200 x H30 mm  
Stainless steel rod: Length 500 mm  
不锈钢棒: 长500 mm  
Weight 重量: 6.7 kg

**Display 显示**

Viscosity 粘度 (cP/Poises or mPa.s / Pa.s)  
Speed 转速 – Shear rate 剪切速率 – Torque 扭矩 – %  
Shear stress 剪切应力 – Time 时间 – Temperature 温度

**Norms 标准**

ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ;  
D1338 ; D1417 ; D1439 ; D1824 ; D2196 ; D2243 ;  
D2364 ; D2556 ; D3288 ; D3468 ; D3716 ; D3730 ;  
D3794 ; D4016 ; D4143 ; D4878 ; D4889 ; D5324 ;  
D5400 ; D6279 ; D6577 ; D7394 ; D8020 ; E2975 ;  
F1607 ; BS 5350 ; DIN 2555 ; 3219 ; 52007-1 ; 53019-  
1 ; 54453 ; EN 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ;  
12802 ; 15425 ; 15564 ; ISO 1652 ; 2555 ; 2884-2 ;  
3219 ; 10364-12



## HELIPRO



T-Bars spindles  
and holder

COMPATIBLES 兼容转子  
MEASURING SYSTEMS

MS-RV , MS-LV, MS-BV,  
MS-VANES (, MS-KREBS,  
MS-SV, MS-ULV, MS-DIN.

COMPATIBLES 兼容温度控制系统  
TEMPERATURE CONTROLS

EVA LR, EVA MS DIN, RT-1 PLUS.

## OPTIONS &amp; ACCESSORIES



## 选件 &amp; 附件

- Carrying case 手提箱 (Ref. 100048).
- External temperature probe -50°C to +300°C 外部温度  
探头 -50° C至+300° C (Ref. 900026 and 405000).
- HELIPRO stand (Ref. 111015).
- Barcode reader with stand and cable 带支架和电缆的  
条形码阅读器 (Ref. N330000).
- Bayonet spindle rack 卡口主轴支架 (Ref. 000590).

- Viscosity standards oil 标准粘度油.
- Dymo printer Dymo 打印机 (Ref. 500200) + paper roll (Ref.  
500300).
- Small volume package 小容量加热装置 (Ref. 600900/950).
- THERMOCELL package 温度控制部件 (Ref. N130150).
- RheoTex software 软件.
- Touch screen protector 触摸屏保护器 (Ref. 000630).



# FIRST PRODIG

The solution  
to your most  
exacting methods.

The viscometer with a 7" touch screen allows you to create and save your measurement methods, display results or curves, analyse your data, print reports, manage users and protect data.

带有7"触摸屏的粘度计允许您创建和保存测量方法、显示结果或曲线、分析数据、打印报告、管理用户和保护数据。



## FEATURES AND BENEFITS

- Speed or shear rate control. 速度或剪切速率控制
- Programming and recording method. 编程和方法记录
- Constant, step by step or ramp methods. 常数法、逐步法或斜坡法
- Direct curve on display. 直接曲线显示。
- Direct analysis with regression. 直接回归分析。
- Direct report editing. 直接报告编辑。
- Direct measure with time to stop. 测试结束直接停止
- User and locked mode. 用户和锁定模式
- Data recording and USB transfer. 数据记录和USB传输。
- Torque gage on display. 屏幕直接显示扭矩值
- Integrated temperature probe. 集成温度探头。
- Printer connection. 打印机连接。
- Compatible with RheoTex software. 与Rheo Tex软件兼容
- Display of viscosity limits according to mobile and speed. 速度条显示粘度值

## WHAT'S INCLUDED WITH DEVICE ?

(according to part number)

- 4 Spindles LV or 6 spindles RV. 4个LV转子或6个RV转子
- 1 Integrated temperature probe. 1个集成温度探头
- 1 Standard stand or rack stand. 1个标准支架或机架支架。
- 1 Touch screen stylus. 1个触摸屏触笔
- 1 User manual. 1本用户手册。
- 1 Calibration and checking certificate. 1份校准和检查证书。
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N707700	FIRST PRODIG VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with standard stand)	200 to 240M
N707709	FIRST PRODIG VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with rack stand)	200 to 240M
N707300	FIRST PRODIG LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with standard stand)	15(1*) to 22M
N707309	FIRST PRODIG LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with rack stand)	15(1*) to 22M

M for million / (\*) Can reach 1 mPa.s with MS ULV (p.78). Not included.



FIRST PRODIG

技术参数

SPECIFICATIONS

Type of instrument 仪器类型

Rotating springless viscometer with 7" Touch screen  
带7"触摸屏的无弹簧旋转粘度计

Rotation speeds 转速

Unlimited number of speeds between 0.3 and 250 rpm  
在0.3和250 rpm之间的无限调速

Torque range 扭矩范围

Standard Version 标准版: 0.05 to 13 mNm  
LR version LR版: 0.005 to 0.8 mNm

Temperature Probe 温度探头

Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C 配备PT100传感器, 测试范围-50°C至+300°C

Accuracy 精度

+/- 1 % of the full scale

Repeatability 重复性

+/- 0,2 %

Display 显示

Viscosity 粘度 (cP/Poises or mPa.s / Pa.s)  
Speed 转速 - Shear rate 剪切速率 - Torque 扭矩 - % - Shear stress 剪切应力 - Time 时间 - Temperature 温度

Norms 标准

ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ; D1338 ; D1417 ; D1439 ; D1824 ; D2196 ; D2243 ; D2364 ; D2556 ; D3288 ; D3468 ; D3716 ; D3730 ; D3794 ; D4016 ; D4143 ; D4878 ; D4889 ; D5324 ; D5400 ; D6279 ; D6577 ; D7394 ; D8020 ; E2975 ; F1607 ; BS 5350 ; DIN 2555 ; 3219 ; 52007-1 ; 53019-1 ; 54453 ; EN 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ; 12802 ; 15425 ; 15564 ; ISO 1652 ; 2555 ; 2884-2 ; 3219 ; 10364-12

Languages 语言

French/English/Turkish/German  
法语/英语/土耳其语/德语

Supply voltage 电源电压

90-240 VAC 50/60 Hz

Analog output 模拟输出

4 - 20 mA

PC connections PC 连接

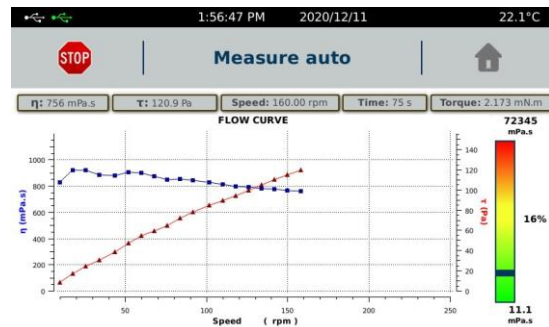
RS232 Port and USB

Printer connections

打印 USB Host Port - Compatible PCL/5

Dimensions and weight 尺寸和重量

Head 测试头: D180 x H230 x W130 mm  
Aluminium stand: L280 x W200 x H30 mm  
铸铝底座: L280 x W200 x H30 mm  
Stainless steel rod: Length 500 mm  
不锈钢棒: 长500 mm



COMPATIBLES 兼容转子

MEASURING SYSTEMS

MS-RV, MS-LV, MS-BV,  
MS-VANES, MS-KREBS,  
MS-SV, MS-ULV, MS-DIN.

COMPATIBLES 兼容控制系统

TEMPERATURE CONTROLS

EVA LR, EVA MS DIN,  
RT-1 PLUS.

OPTIONS & ACCESSORIES



选件 & 附件

- Carrying cases 手提箱 (Ref. 100048).
- External temperature probe -50°C to +300°C 外部温度探头 -50°C 至 +300°C (Ref. 900026 and 405000).
- HELIPRO stand (Ref. 111015)
- Barcode reader with stand and cable 带支架和电缆的条形码阅读器 (Ref. N330000).
- Bayonet spindle rack 卡口主轴支架 (Ref. 000590).

- Viscosity standards oil 标准粘度油.
- Dymo printer Dymo 打印机 (Ref. 500200) + paper roll (Ref. 500300).
- Small volume package 小容量加热装置 (Ref. 600900/950).
- THERMOCELL package 温度控制部件 (Ref. N130150).
- RheoTex software 软件.
- Touch screen protector 触摸屏保护膜 (Ref. 000630)

# FIRST PRODIG CP 1000

A revolution  
for measurements  
on low volumes.

The FIRST PRODIG CP1000 offers unparalleled ease of use and modularity. It incorporates a support for cone-plate measurements. It is perfectly suited to measurements at ambient temperature and offers the possibility to control temperature of the sample when combined with a circulating bath (not included). Its versatility allows it to use other measuring mobiles such as MS-RV, MS KREBS or MS VANE.

FIRST PRODIG CP1000提供了无与伦比的易用性和模块化设计。它包含一个用于锥形板测量的支架。它非常适合于在环境温度下进行测量，并在与循环水浴（不包括）结合时控制样品温度。它的多功能性允许它使用其他系统连接，如MS-RV、MS-KREBS或MS-VANE。



70 mm bottom plate

## FEATURES AND BENEFITS

- CP1000 stand for cone-plate measurement. CP1000锥板测量用支架
- Quick attachment with AC265 coupling.带AC265联轴器的快速连接
- Manual lift for gap adjustment.手动提升以调整间隙
- Speed or shear rate control.速度或剪切速率控制
- Programming and recording method.编程和方法记录
- Constant, step by step or ramp methods.常数法、阶梯法、斜坡法
- Direct curve on display.直接曲线显示
- Direct analysis with regression.直接回归分析
- Direct report editing.直接报告编辑。
- Direct measure with time to stop.测试结束自动停止
- User and locked mode.用户和锁定模式
- Data recording and USB transfer.数据记录和USB传输
- Torque gage on display.屏幕上直接显示扭矩值
- Integrated temperature probe.集成温度探头
- Printer connection.打印机连接。
- Compatible with RheoTex software.与RheoTex软件兼容。
- Display of viscosity limits according to mobile and speed.速度条显示粘度限值

## WHAT'S INCLUDED WITH DEVICE ?

- 1 Stand with 70mm bottom plate. 1个带70mm底板的支架
- 1 Double rod with stop ring and adjusting gap. 1个带止动环和调整距离的双杆
- 2 Silicon pipe (1m). 2根硅管（1m）
- 1 Integrated temperature probe. 1个集成温度探头。
- 1 Touch screen stylus. 1个触摸屏触笔
- 1 User manual. 1本用户手册
- 1 Calibration and checking certificate. 1份校准和检查证书
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
N707500	FIRST PRODIG CP1000 VISCOMETER (+5°C to +65°C)*	3 to 800M **

M for million / \* Maximum temperature range with circulating bath (not included). / \*\* According to cone-plate MS CP (p80). Not included.

## FIRST PRODIG CP 1000

## 技术参数

## SPECIFICATIONS

**Type of instrument**仪器类型

Rotating springless viscometer with 7" Touch screen  
带7"触摸屏的无弹簧旋转粘度计

**Rotation speeds**转速

Unlimited number of speeds between 0.3 and 250 rpm  
在0.3和250 rpm之间的无限调速

**Torque range**扭矩范围

From 0.05 to 13 mNm

**Temperature Probe**温度探头

Equipped with a PT100 sensor which indicates  
temperatures between -50°C to +300°C  
配备PT100传感器，测试范围-50°C至+300°C

**Accuracy**精度

+/- 1 % of the full scale

**Repeatability**重复性

+/- 0,2 %

**Display**显示

Viscosity 粘度(cP/Poises or mPa.s / Pa.s)  
Speed 转速– Shear rate 剪切速率– Torque 扭矩 – %  
Shear stress 剪切应力- Time 时间– Temperature 温度

**Norms**标准

ASTM : D4287 ; BS 3900 ; DIN 3219 ; 52007-1 ;  
53019-1 ; 54453 ; ISO 2884; 3219 ; 10364-12

**Languages**语言

French/English/Turkish/German

**Supply voltage**电源电源

90-240 VAC 50/60 Hz

**Analog output**模拟输出

4 – 20 mA

**PC connections**PC连接

RS232 Port and USB

**Printer connection**打印

USB Host Port -  
Compatible PCL/5

**Dimensions and weight**尺寸和重量

D320 x H550 x W200 mm

Weight 重量: 14 kg



FIRST PRODIG CP 1000  
+ MK-VANE

## COMPATIBLES 兼容转子

## MEASURING SYSTEMS

MS CP , MS-RV\*, MS-VANES\*,  
MS-KREBS\*, (\* with adaptor Ref. 800146).

## OPTIONS &amp; ACCESSORIES



## 选件 &amp; 附件

- Barcode reader with stand and cable 带支架和电缆的条形码阅读器(Ref. N330000).
- Touch screen protector 触摸屏保护膜(Ref. 000630).
- Viscosity standards oil 粘度标准液(p69).
- Dymo printer Dymo 打印机(Ref. 500200) + paper roll (Ref. 500300).
- RheoTex software 软件.
- Protection cover 保护盖(Ref. 121019).

# RM 100 PLUS

Our most modular viscometer



The RM100 PLUS is the viscometer with largest speed and torque range available on market. Create your methods and store your results in relation with your application.

RM100 PLUS是市场上速度和扭矩范围最大的粘度计。创建方法简单并将结果与应用程序关联起来存储。

## FEATURES AND BENEFITS

- Speed or shear rate control. 速度或剪切速率控制
- Huge speed and torque range. 更高速度和扭矩范围
- Direct control of temperature unit. 直接控制温度单位
- Programming and recording method. 编程和记录方法
- Direct measure with time to stop. 测试结束直接停止
- User and locked mode. 用户和锁定模式。
- Data recording and USB transfer. 数据记录和USB传输。
- Torque gage on display. 显示器上的扭矩计
- Integrated temperature probe. 集成温度探头
- Printer connection. 打印机连接
- Compatible with RheoTex software. 与RheoTex软件兼容
- Display of viscosity limits according to mobile and speed. 根据速度条显示粘度限值

## WHAT'S INCLUDED WITH DEVICE ?

(according to part number)

- 1 Integrated temperature probe. 1个集成温度探头。
- 1 Standard stand or rack stand. 1个标准支架或机架支架
- 1 Touch screen stylus. 1个触摸屏触笔
- 1 User manual. 1本用户手册。
- 1 Calibration and checking certificate. 1份校准和检查证书
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N100000	RM 100 PLUS VISCOMETER (with standard stand)	1 to 780M*
N100009	RM 100 PLUS VISCOMETER (with rack stand)	1 to 780M*

M for million / \* According to measuring system (p72-79). Not Included.



**RM 100 PLUS**

技术参数

**SPECIFICATIONS**

**Type of instrument 仪器类型**  
带7"触摸屏的无弹簧旋转粘度计

**Rotation speeds 转速**  
Unlimited number of speeds between 0.3 and 1500 rpm

**Torque range 扭矩范围**  
From 0.05 to 30 mNm

**Temperature Probe 温度探头**  
Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C

**Accuracy 精度**  
+/- 1 % of the full scale

**Repeatability 重复性**  
+/- 0,2%

**Display 显示**  
Viscosity 粘度 (cP/Poises or mPa.s / Pa.s)  
Speed 转速 - Shear rate 剪切速率 - Torque 扭矩 - % - Shear stress 剪切应力 - Time 时间 - Temperature 温度

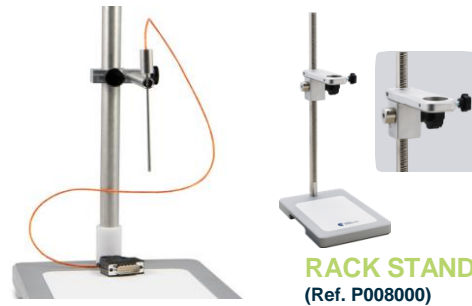
**Norms 标准**  
ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ; D1338 ; D1417 ; D1439 ; D1824 ; D2196 ; D2243 ; D2364 ; D2556 ; D3288 ; D3468 ; D3716 ; D3730 ; D3794 ; D4016 ; D4143 ; D4878 ; D4889 ; D5324 ; D5400 ; D6279 ; D6577 ; D7394 ; D8020 ; E2975 ; F1607 ; BS 5350 ; DIN 2555 ; 3219 ; 52007-1 ; 53019-1 ; 54453 ; EN 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ; 12802 ; 15425 ; 15564 ; IOCCC 2000 ; ISO 1652 ; 2555 ; 2884-2 ; 3219 ; 10364-12

**Languages 语言**  
French/English/Russian/Spanish/Turkish/German

**Supply voltage 电源电压** 90-240 VAC 50/60 Hz  
**Analog output 模拟输出** 4 - 20 mA

**PC connections PC 连接** RS232 Port and USB  
**Printer connection 打印** USB Host Port - Compatible PCL/5

**Dimensions and weight 重量与尺寸**  
Head 测试头: D180 x H230 x W130 mm  
Aluminium stand 铝制底座: L280 x W200 x H30 mm  
Stainless steel rod 不锈钢杆: Length 500 mm  
Weight 重量: 6.7 kg



**RACK STAND**  
(Ref. P008000)

**EXTERNAL TEMPERATURE PROBE WITH HOLDER**  
(Ref. 900026 and 405000)



**VISCOSITY STANDARD OIL**

**COMPATIBLES 兼容测量系统**  
**MEASURING SYSTEMS**

MS-RV, MS-LV, MS-BV,  
MS-VANES, MS-KREBS, MS-SV,  
MS-ULV, MS-DIN, MS-R.

**COMPATIBLES 兼容温度控制**  
**TEMPERATURE CONTROLS**

EVA LR, EVA MS DIN, RT-1  
PLUS, EVA MS-R.

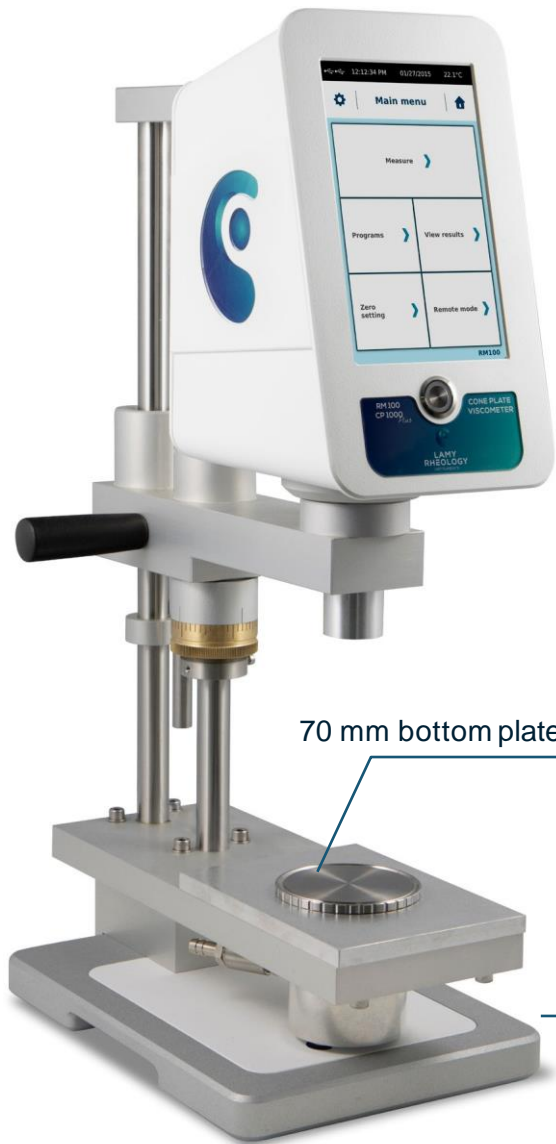
**OPTIONS & ACCESSORIES** +

选项 & 附件

- Carrying case 手提箱 (Ref. 100048).
- External temperature probe -50°C to +300°C (Ref. 900026 and 405000).
- HELIPRO stand (Ref. 111015).
- Barcode reader with stand and cable 带支架和电缆的条形码阅读器 (Ref. N330000).
- Bayonet spindle rack 卡口主轴支架 (Ref. 000590)
- Viscosity standards oil 标准粘度油
- Dymo printer Dymo 打印机 (Ref. 500200) + paper roll (Ref. 500300).
- Small volume package 小容量加热装置 (Ref. 600900/950).
- THERMOCELL package 温度控制部件 (Ref. N130150).
- RheoTex software 软件 .
- Touch screen protector 触摸屏保护膜 (Ref. 000630)

# RM 100 CP 1000 PLUS

Cone plate viscometer  
for ICI method



70 mm bottom plate

Equipped with a fluid circulation for temperature control (bath not included), the RM100 CP1000 PLUS will allow you to perform cone-plate and beaker measurements using the MS RV, MS VANE or MS KREBS mobiles.

RM100 CP1000 PLUS配备有用于温度控制的流体循环（不包括槽），允许您执行锥形板和烧杯操作，使用MS RV、MS VANE或MS KREBS进行测量。

## FEATURES AND BENEFITS

- CP1000 stand for cone plate measurement. CP1000锥板测量用支架。
- Quick attachment with AC265 coupling.带AC265联轴器的快速连接
- Manual lift for gap adjustment.手动提升以调整间隙
- Speed or shear rate control.速度或剪切速率控制
- Programming and recording method.编程和方法记录
- Direct measure with time to stop.测试结束直接停止
- User and locked mode. 用户和锁定模式。
- Data recording and USB transfer.数据记录和USB传输。
- Torque gage on display.屏幕上直接显示扭矩值
- Integrated temperature probe.集成温度探头
- Printer connection.打印机连接。
- Compatible with RheoTex software.与RheoTex软件兼容
- Display of viscosity limits according to mobile and speed. 速度条显示粘度值

## WHAT'S INCLUDED WITH DEVICE ?

- 1 Stand with 70mm bottom plate. 1个带70mm底板的支架
- 1 Double rod with stop ring and adjusting gap. 1个带止动环和调整间隙的双杆
- 2 Silicon pipe (1m). 2根硅管（1m）
- 1 Integrated temperature probe. 1个集成温度探头
- 1 Touch screen stylus. 1个触摸屏触笔
- 1 User manual. 1本用户手册
- 1 Calibration and checking certificate. 1份校准和检查证书
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
N100365	RM 100 CP1000 CONE PLATE VISCOMETER (+5°C to +65°C)*	1 to 1900M **

M for million / \* Maximum temperature range with water circulating bath (not included). / \*\* According to MS CP spindle (p80) not included.

## RM 100 CP 1000 PLUS

### 技术参数

#### SPECIFICATIONS

##### Type of instrument 仪器类型

Rotating springless viscometer with 7" Touch screen

##### Rotation speeds 转速范围

Unlimited number of speeds between 0.3 and 1500 rpm

##### Torque range 扭矩范围

From 0.05 to 30 mNm

##### Temperature Probe 温度探头

Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C

##### Accuracy 精度

+/- 1 % of the full scale

##### Repeatability 重复性

+/- 0,2 %

##### Display 显示

Viscosity 粘度 (cP/Poises or mPa.s / Pa.s)  
Speed 速度 - Shear rate 剪切速率 - Torque 扭矩 - % -  
Shear stress 剪切应力 - Time 时间 - Temperature 温度

##### Norms 标准

ASTM : D4287 ; BS 3900 ; DIN 3219 ; 52007-1 ;  
53019-1 ; 54453 ; ISO 2884 ; 3219 ; 10364-12

##### Languages 语言

French/English/Russian/Spanish/Turkish/German

##### Supply voltage 电源电压

90-240 VAC 50/60 Hz

##### Analog output 模拟输出

4 - 20 mA

##### PC connections PC 连接

RS232 Port and USB

##### Printer connection

打印 USB Host Port  
- Compatible PCL/5

##### Dimensions and weight 尺寸和重量

D320 x H550 x W200 mm  
Weight: 14 kg

### COMPATIBLES 兼容测量系统 MEASURING SYSTEMS

MS CP, MS-RV \*, MS-VANES\*,  
MS-KREBS\*, (\* with adaptor Ref. 800146).



RM 100 CP 1000  
+ MS-KREBS

### OPTIONS & ACCESSORIES



#### 选件 & 附件

- Barcode reader with stand and cable 带支架和电缆的条形码阅读器 (Ref. N330000).
- Touch screen protector 触摸屏保护膜 (Ref. 000630).
- Viscosity standards oil 标准粘度油.
- Dymo printer Dymo 打印机 (Ref. 500200) + paper roll (Ref. 500300).
- RheoTex software 软件.
- Protection cover 保护罩 (Ref. 121019).



# RM 100 CP 2000 PLUS

The viscometer dedicated  
for cone-plate  
measurements

Cone-plate measuring systems are adapted for samples in limited quantities and difficult to clean. With maximum shear gradients up to 20,000 s<sup>-1</sup>, the RM100 CP2000 PLUS will fit all your applications.

锥形板测量系统适用于样品有限且难以清洁的样品。最大剪切梯度高达20000 s<sup>-1</sup>时，RM100 CP2000 PLUS将适合您的所有应用。

## FEATURES AND BENEFITS

- For cone plate measurement. 用于锥板测量。
- Quick attachment with AC265 coupling. 带AC265联轴器的快速连接
- Speed or shear rate control. 速度或剪切速率控制
- Huge speed and torque range. 速度和扭矩范围广
- Direct control of temperature unit. 温度直接控制
- Programming and recording method. 编程和方法记录
- Direct measure with time to stop. 测试结束自动停止
- User and locked mode. 用户和安全锁
- Data recording and USB transfer. 数据记录和USB传输。
- Torque gage on display. 屏幕上显示扭矩值。
- Integrated temperature probe. 集成温度探头。
- Printer connection. 打印连接
- Compatible with RheoTex software. 兼容RheoTex软件
- Display of viscosity limits according to mobile and speed. 根据速度条显示粘度限值

## WHAT'S INCLUDED WITH DEVICE ?

(according to part number)

- 1 Temperature unit with 70mm bottom plate. 1个带70mm底板的温度装置。
- 1 Touch screen stylus. 1个触摸屏触笔。
- 1 User manual. 1本用户手册。
- 1 Calibration and checking certificate. 1份校准和检查证书。
- 1 Microfiber cloth. 1张超细纤维布。

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N170000	RM 100 CP2000 PLUS VISCOMETER AIR PELTIER (+10°C to +70°C)	
N170100	RM 100 CP2000 PLUS VISCOMETER AIR PELTIER (+10°C to +70°C) WITH PROGRAMMER*	
N170200	RM 100 CP2000 PLUS VISCOMETER LIQUID PELTIER** (-20°C to +100°C)	
N170300	RM 100 CP2000 PLUS VISCOMETER LIQUID PELTIER** (-20°C to +100°C) WITH PROGRAMMER*	1 to 1900M (according to spindle MS CP p80)
N170400	RM 100 CP2000 PLUS VISCOMETER (Room T°C to +300°C)	
N170500	RM 100 CP2000 PLUS VISCOMETER (Room T°C to +300°C) WITH PROGRAMMER*	
N170800	RM 100 CP2000 PLUS VISCOMETER AIR PELTIER (0°C to +150°C)	
N170900	RM 100 CP2000 PLUS VISCOMETER AIR PELTIER (0°C to +150°C) WITH PROGRAMMER*	

M for million / \* Allow temperature setting by measuring head or RheoTex software. / \*\* Water circulating bath required. Not included.





# RM 100 CP 2000 PLUS

## 技术参数 SPECIFICATIONS

**Type of instrument 仪器类型**

Rotating springless viscometer with 7" Touch screen

**Rotation speeds 转速**

Unlimited number of speeds between 0.3 and 1500 rpm

**Torque range 扭矩范围**

From 0.05 to 30 mNm

**Temperature Probe 温度探头**

Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C

**Accuracy 精度**

+/- 1 % of the full scale 满量程 +/- 0,2 %

**Repeatability 重复性**

**Display 显示**

Viscosity 粘度 (cP/Poises or mPa.s / Pa.s)  
Speed 速度 - Shear rate 剪切速率 - Torque 扭矩 - % -  
Shear stress 剪切应力 - Time 时间 - Temperature 温度

**Norms 标准**

ASTM : D4287 ; BS 3900 ; DIN 3219 ; 52007-1 ; 53019-1 ; 54453 ; ISO 2884 ; 3219 ; 10364-12

**Languages 语言**

French/English/Russian/Spanish/Turkish/German

**Supply voltage 电源电压**

90-240 VAC 50/60 Hz

**Analog output**

4 - 20 mA

**PC connections PC 连接**

RS232 Port and USB

**Printer connection**

USB Host Port - Compatible PCL/5

**Dimensions and weight 尺寸和重量**

D610 x H700 x W340 mm  
Weight 重量: 22 kg

## COMPATIBLES 兼容测量系统 MEASURING SYSTEMS

MS-CP.



**BARCODE READER**  
(Ref. N330000)



**TOUCH SCREEN PROTECTOR**  
(Ref. 000630)



**CARRYING CASE**  
(Ref. 100048)  
or without foam (Ref. 100500)



**SVP180**  
(Ref. 600950)

CT-DIN (Ref. 111914), temperature range from -20°C to +180°C.



**SVP65**  
(Ref. 600900)

CT-LC (Ref. 600800), temperature range from -20°C to +65°C.

### SMALL VOLUME PACKAGE

## OPTIONS & ACCESSORIES +

### 选件 & 附件

- Barcode reader with stand and cable 带支架和电缆的条形码阅读器 (Ref. N330000).
- Touch screen protector 触摸屏保护膜 (Ref. 000630).
- Viscosity standards oil 标准粘度液.
- Dymo printer Dymo 打印机 (Ref. 500200) + paper roll (Ref. 500300).
- RheoTex software 兼容软件.
- Protection cover 防护罩 (Ref. 121019).

## CHECKING, CALIBRATIONS AND MAINTENANCE

检测、校准、维修

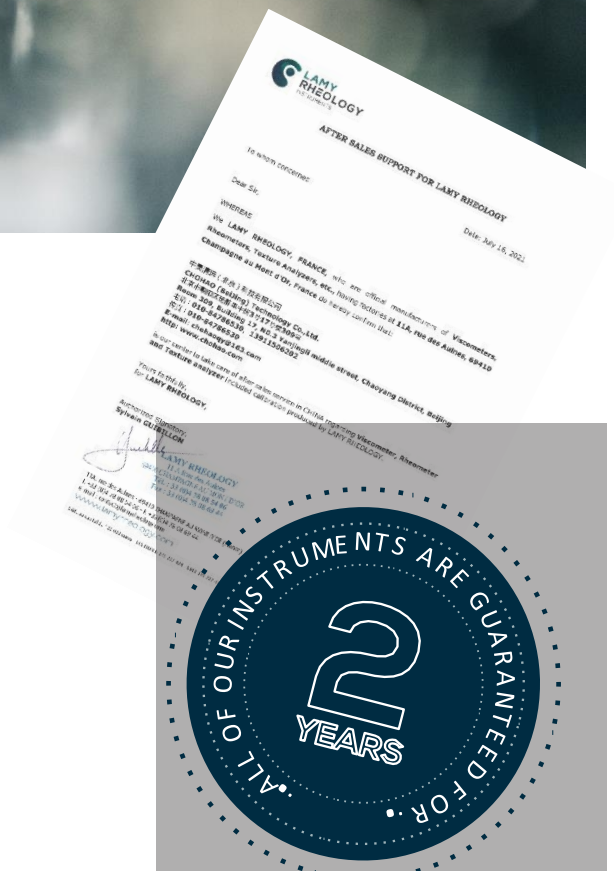


## Guaranteed smooth running of your instruments.

Planned calibration and preventive maintenance, carried out by our trained and certified technicians, are essential to guarantee your instruments run smoothly so that productivity is increased and reliable, accurate measurements are obtained.

So you can benefit from our technicians' experience, we offer:

- Calibration with validation certificates (assessment of your device and freequote).
- Provision of verification oils.
- Tests according to your conditions of use.





**LAMY RHEOLOGY**  
**中国计量校准服务中心**

北京市朝阳区延静里中街3号17号楼  
电话：010-84786530，13911506202(微信同)  
E-mail:lamy@chohao.com  
www.chohao.com