

# VISCOMETER

## FIRST TOUCH

Viscometer with temperature sensor



PRECISION RELIABILITY AND NEW DESIGN WITH A 7" TOUCH SCREEN AT A REASONABLE COST.

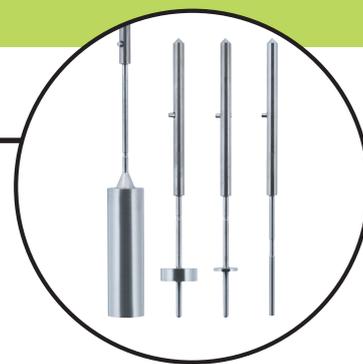
FOR CONNECTED MEASUREMENTS, THE FIRST TOUCH HAS THE FOLLOWING OUTPUTS: USB / USB HOST / RS232 / LAN.

ACCURATE TEMPERATURE READING THROUGH THE PT100 SENSOR

# VISCOMETER

## THE FIRST TOUCH IS AVAILABLE IN LR VERSION

For your ultra-sensitive measurements, the First Touch features a torque range of 0.005 to 0.8 mNm. With this innovation you can take advantage of this resolution without the burdens of using spring technology.



### SPECIFICATIONS

#### TYPE OF INSTRUMENT

Rotating viscometer

#### ROTATION SPEEDS

Unlimited number of speeds between 0.3 and 250 rpm

#### TORQUE RANGE

From 0.05 to 13 mNm / From 0.005 to 0.8 mNm (LR VERSION)

#### TEMPERATURE

The FIRST TOUCH has a PT100 sensor which indicates temperatures between -50 °C to + 300 °C.

#### ACCURACY

+/- 1 % of the full scale

#### REPEATABILITY

+/- 0.2 %

#### VISCOSITY RANGE

3 - 180,000,000 mPa·s depending on the measuring geometry used.

#### DISPLAY

7" Touch screen

#### DISPLAY SETTINGS:

Viscosity - Speed - Torque - Temperature - Time - Measuring geometry  
Level of sensitivity - Date/hour - Choice of viscosity units: cP or mPa·s  
Language: French/English

#### 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.

#### SUPPLY VOLTAGE

90-240 VAC 50/60 Hz

#### ANALOG OUTPUT

4 - 20 mA  
Torque range to be defined by user

#### PC CONNECTIONS

RS232 Port and USB

#### PRINTER CONNECTION

USB Host Port

#### WHAT BENEFITS ARE THERE FOR YOU?

You can connect a USB printer. External control thanks to the optional VISCO RM software. The FIRST TOUCH lets you set measuring times for thixotropic products. Get kinematic viscosity by inputting the density of your product.

#### CARRY CASE

Optional

#### DIMENSIONS AND WEIGHT

Head: L180 x W135 x H250 mm  
Hardened steel stand: L280 x W200 x H30 mm  
Stainless steel rod: Length 500 mm / Weight: 6.7 kg

## ACTIVITY DOMAINS



FOOD INDUSTRY



COSMETICS  
PHARMACEUTICALS



PAINT / INK / COATINGS



CHEMICAL / PETROLEUM  
PRODUCTS



CAR INDUSTRY



BUILDING MATERIALS



TEACHING

## OPTIONAL MEASURING GEOMETRIES

- Spindles L 1 to 4 • Spindle KU 1-10
- Spindles R 1 to 7 • Spindle 75Y
- Measuring system MS DIN 1 to 3
- Measuring system MS BV 1 to 1000