

Manufacture and made in Germany

WHY WE ARE DIFFERENT

Know-how and precision down to the smallest detail: At RHEOTEST®, ideas, high-tech and craftsmanship are converted to perfection.

Near to Dresden creative engineers, experienced rheologists and practiced mechanics let arise rheological measuring instruments.

RHEOTEST® combines modern technology and manual work with the aim of producing a high quality product which is appreciated both by dealers and customers in our globalized world.

Viscometers and rheometers from Medingen have been a reliable constant in the test laboratory for decades: Precise test results, user-friendliness, robust design and cost effectiveness create real added value for our customers around the globe.

regionally manufactured – globally in demand

DISTRIBUTION WORLDWIDE

Around the globe, our customers appreciate German workmanship: A large number of our viscometers and rheometers are exported and used worldwide. Please contact RHEOTEST® directly or contact our sales partners at: www.rheotest.com

Viscometer from Medingen. Since 1932.

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RESEARCH & DEVELOPMENT



MANUFACTURING



INSTALLATION & TRAINING



ONLINE SUPPORT



CALIBRATION



SERVICE

PRECISION

**MADE IN
GERMANY**



ROTATIONAL VISCOMETER

RHEOTEST® VISQI N° 1

Simply smart.
Just press the button and measure.





SIMPLY SMART.

Only one device, only one model for an universal viscosity range:

RHEOTEST VISQI N° 1 measures the viscosity of your liquids precisely and reliably and is used in the laboratory and in quality control.

It combines the measuring range from 5 mPas to 70.000.000 mPas in just one device.

Unlike comparable rotational viscometers in its class, the RHEOTEST VISQI N° 1 is equipped with a high-quality and durable ball bearing in the measuring mechanism instead of a vulnerable bearing tip.

Our contribution to sustainability.



universal measuring range

values and graph immediately visible on the display

with ball bearing – therefore solid, robust and durable

measuring systems labelled with different colours

ready for immediate use – supplied already assembled

ROTATIONAL VISCOMETER RHEOTEST® VISQI N° 1

SCOPE OF SERVICES

Precise measurement results

The accuracy is +/- 1 % of the measuring range end value.
The reproducibility is +/- 0,1 %.

Operation with touch display

The menu navigation on the large colour display is multilingual and intuitive.

The display shows the following parameters:

- 1 viscosity
- 2 torque
- 3 speed
- 4 programme status
- 5 temperature
- 6 curve progression

Wide speed range

Speed range: 0.1 to 200 rpm in 0.1 rpm steps.

Temperature control

The viscosity depends on the temperature.
A temperature sensor is included in the scope of delivery.
Temperature range: -20 to +120°C.

Stepless positioning

The stand ensures a secure fixation and can be positioned quickly. Vertical alignment or levelling is not necessary.
The height of the viscometer can be stepless adjusted.

Convenient replacement of the spindle

The measuring systems are differentiated by colour and can be practically fixed with a bayonet lock. As seven spindles are included as standard.

When changing the spindle, neither decoupling nor special care, recommended for:

- high sample throughput,
- multi-shift operation
- frequent operator or spindle changes

International

Thanks to language selection, operation is possible in English, German, French, Spanish, Portuguese, Russian and Italian.

TECHNICAL SPECIFICATIONS

Single-point measurement and multi-point measurement with optional PC software

viscosity range:	5 to 70.000.000 mPas
temperature range, sensor:	-20 to + 120°C in 0,01°C resolution
torque range:	0,01 to 12 mNm in 0,01 mNm resolution
speed range: freely selectable speeds within of the speed range	0,1 to 200 rpm in 0,1 rpm-steps
output units:	mPas, cPas, dPas, Pas, KU, BU
accuracy:	+/- 1 % vom from the full scale value
repeatability:	+/- 0,1 %
languages:	EN, DE, ES, FR, PT, RU, IT

- ☒ intuitive user interface with 3,5" touch display
- ☒ optical spindle recognition through colour coding
- ☒ optional battery operation for field tests

APPLICATION & STANDARDS

quality control
teaching purposes/training
raw material inspection
incoming goods inspection

- Mineral oil industry
- Paper industry
- Polymer chemistry
- Food and luxury food industry
- Cosmetics/Pharmaceuticals
- Chemical industry
- Detergents

EQUIPMENT

Rotational Viscometer RHEOTEST® VISQI N° 1

- Rotational Viscometer
- standard spindle set
- protective bracket
- temperature sensor
- cable
- stand

FOR IMMEDIATE USE
just press the button