About Rheotest Medingen GmbH

Viscometers from Medingen have more than 80 years of tradition: Fritz Höppler invented the Falling Ball Viscometer in Medingen. Since 1932, viscometers for a wide range of applications in the laboratory and process have been manufactured in Medingen and sold all over the world.

QUALITY MADE IN GERMANY

RHEOTEST Medingen GmbH develops and manufactures exclusively at its traditional location in Medingen and offers a wide range of viscometers/rheometers for a wide variety of laboratory and process applications. Our measuring technology is used worldwide in production and advanced quality control as well as in R&D and education. As a manufacturer of precise measuring technology, we have the highest demands on the quality and accuracy of all components used. Almost all our suppliers are based in Germany, most of them in the region. *Our products rightly bear the addition "Made in Germany".*

SERVICE

- installation, start-up and practical user training
- online support via Skype or Teamviewer
- after sales service: calibration and maintenance / inspection and spare parts

RHEOTEST®
MEDINGEN

Viscometer from Medingen. Since 1932.

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Falling Ball Viscometer HÖPPLER® KF 3.2
Ball Pressure Viscometer HÖPPLER® KD 3.1

for precise viscosity measurements in the laboratory

PRECISION
MADE IN
GERMANY

original **Falling Ball Viscometer**
HÖPPLER® KF 3.2

The Falling Ball Viscometer is based on the Höppler measuring principle. It enables simple but precise measurements of the dynamic viscosity of translucent Newtonian liquids.

ADVANTAGES
Use the HÖPPLER® KF 3.2 Falling Ball Viscometer to measure the viscosity precisely without electricity and only with a stopwatch.

▶ large measuring range
▶ uncomplicated operation and use
▶ inexpensive and extremely durable

according to:
DIN 53015 / ISO 12058
DIN EN ISO 12058-1
Plastics - Determination of viscosity with a falling ball viscometer

USE AND APPLICATIONS
... for the quality control of flowable substances,
... for control incoming and outgoing goods,
... as an indispensable teaching and measuring aid for
   technical educational institutions

▶ mineral oils   ▶ paper industry
▶ fuels   ▶ polymer chemistry
▶ detergents   ▶ cosmetical and pharmaceutical industry
▶ chemical products   ▶ food industry

TECHNICAL SPECIFICATIONS
viscosity range:	0,6 ... 70 000 mPas
temperature range:	-60 ... + 150 °C *
accuracy tolerances :	0,5 to 2 % of measured value,
	depending on ball diameter
working angle:	according DIN (10° to the vertical)
times of fall:	between 30 and 300 s
filling volume:	40 ml
measuring path:	100 mm (or 50 mm)
dimensions (mm):	205 x 185 x 315 (B x T x H)
weight:	2,9 kg

* Corresponding temperature control – thermostats and cryostats – on request.

Ball Pressure Viscometer
HÖPPLER® KD 3.1

More than 70 years ago Fritz Höppler developed the Höppler Rheoviscometer, which is based on the patented ball pressure procedure. The HÖPPLER® KD 3.1 is the successor to the Höppler rheoviscometer and Höppler consistometer, which have been tried and tested for many years, and combines their simple measuring principle with high ease of use.   In addition, analyses about the flow properties of non-Newtonian liquids can be made by applying defined mass pieces.

ADVANTAGES
▶ universally applicable laboratory viscometer
▶ large viscosity range
▶ easy to use
▶ semi-automatic testing
▶ digital viscosity display
▶ integrated statistical evaluation
▶ further processing of measurement results via interface RS 232

USE AND APPLICATIONS
It is used for viscosity determination, especially in laboratories, in which this proven measuring method is prescribed in the quality standard.

▶ oils, fuels   ▶ chemical industry
▶ paste   ▶ cosmetical and pharmaceutical industry
▶ emulsionen   ▶ food industry
▶ adhesives, resins

TECHNICAL SPECIFICATIONS
viscosity range:	1 ... 90 000 mPas
temperature range:	-30 ... + 120 °C *
filling volume:	20 ... 30 ml
dimensions (mm):	400 x 250 x 370 (B x T x H)
weight:	8 kg

* Corresponding temperature control – thermostats and cryostats – on request.