

TQC ROTATIONAL VISCOMETER DV1400

DV1401, DV1402

DATASHEET

PRODUCT DESCRIPTION

TQC Rotational Viscometer according to Brookfield Method, allows quick determination of viscosity in laboratory, research centres, and during production. The intuitive, easy functionality, light weight, and the fact they are battery operated provide great versatility. TQC Rotational Viscosimeter can even be used as a portable instrument.



Its main feature, compatibility to the Brookfield method, allows comparative measurements with results obtained in quality control laboratories using standard rotational viscometers. (when used with the same spindle type and the same rotational speed)

Two different models are available, one with a fixed speed of 60rpm, the other one with a fixed speed of 20rpm.

BUSINESS

Coating industry, laboratory, food industry

FEATURES

- light weight: 1.8 kg
- ready-to-use
- battery operated
- two lines digital display with backlight
- results compatible with other standard rotational Brookfield Viscometers
- spindle set and measuring container included

SCOPE OF SUPPLY

- Viscometer, R2-R7 spindles, beaker, batteries, assembly tools, carrying case, calibration certificate included

ORDERING INFORMATION

DV1401 Rotational Viscometer DV1400 - 60rpm
DV1402 Rotational Viscometer DV1400 - 20rpm

SPECIFICATIONS

Alkaline batteries	4x AA / LR6 (6V)
Rechargeable batteries	4 x AA /R6 (6V)
Autonomy	24 - 30 hours non-stop use
Weight	1.8 kg
Protection Classification	IP20

DV1401

Speed	60 rpm
Viscosity Range	66 - 66.600 mPas

DV1402

Speed	20 rpm
Viscosity Range	200 - 200.000 mPas

Displayed data

Speed	rpm
Selected spindle	R2-R7
Dynamic viscosity	mPas
Full scale percentage	%
Full scale range	mPas
Battery status warning	

USE

The TQC Rotational Viscometer can be operated intuitively. Just press one key- EBNTER - to start the rotation / measurement, to stop motor and to validate selected spindle. Use UP or DOWN keys to enter the spindle selection screen and scroll in both directions

SPECIAL CARE

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- Do not use compressed air to clean the instrument.
- Always keep the instrument in its case when not in use.

SAFETY PRECAUTIONS

- Avoid using it in over-high or over-low temperature environment
- Avoid humidity

CALIBRATIONS

We recommend annual calibration. For calibration, send the instrument, together with a RMA form* to TQC, Molenbaan 19, 2908 LL Capelle aan den IJssel, NL.

*You can download the RMA form here: <http://www.tqc.eu/en/service/repairs-calibrations/>

DISCLAIMER

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we

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