

TQC AUTOMATIC KREBS VISCOMETER

DV1300

DATASHEET

PRODUCT DESCRIPTION

The TQC Automatic Krebs Viscometer is widely used for determination of the viscosity according to Krebs KU, as used in the paint, coating and ink industry. The TQC Automatic Krebs Viscometer is equipped with a clear display and easy user interface that ensure highly reproducible results in fully automatic measuring cycles.

The TQC Automatic Krebs Viscosity can be used automatic and manually. In both modes waiting and measuring time can be preset by the user between 0 and 99 seconds. Results can be printed by means of a thermal printer and serial communication RS232.



The meter is both highly accurate and simple to use, making it suitable for research as well as production environment.

BUSINESS

Coating industry, laboratory, food industry, paint, pharmaceutical, automotive

STANDARDS

Complies with ASTM D 562, ASTM D1131, ASTM D 856. Look up the appropriate standard for a correct execution of the test.

FEATURES

- easy to use
- highly accurate
- manual and automatic operation
- unidirectional RS232 interface*
- four lines digital display with backlight
- level adapter set (½ pint, 1 pint) included

**used together with a serial printer delivers a printed ticket meeting requirements of data storage in quality control*

SCOPE OF SUPPLY

- Viscometer, Krebs type spindle, level adapter set (1/2 pint and 1 pint), assembly tools, beaker, calibration certificate included

ORDERING INFORMATION

DV1300 Automatic Krebs Viscometer

SPECIFICATIONS

Mains	100-240V / 50-60Hz
Operating temperature	+10°C - +40°
Weight	8.5 kg
Protection Classification	IP20
Speed	200 rpm
Spindle	standard Krebs-type spindle
Interface	RS232 Unidirectional
Range	40.2 - 141 KU 31-1,099 g 27 - 5,274 cP
Resolution	0.1 KU 1.0 g 5 cP

USE

The TQC Rotational Viscometer can be operated intuitively. Just press one key- ENTER - 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 endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.