

TQC SHEEN DIGITAL ROTOTHINNER™
DV2000

DATASHEET

PRODUCT DESCRIPTION

The TQC Sheen Digital Rotothinner™ is used for determination of the viscosity in P or cP, as used in the paint, coating and ink industry. The TQC Sheen Digital Rotothinner™ is equipped with a clear display, easy user interface and ensures high reproducible results measurement after measurement.

The TQC Sheen Digital Rotothinner™ can be used in 3 modes; Manual; Maxhold and Timed. A superb stable drive system creates a wider measurement range and more accurate readings.

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

FEATURES

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

SCOPE OF SUPPLY

- Digital Rotothinner™
- Handle
- 240V/110V power adapter
- User manual
- Calibration certificate included

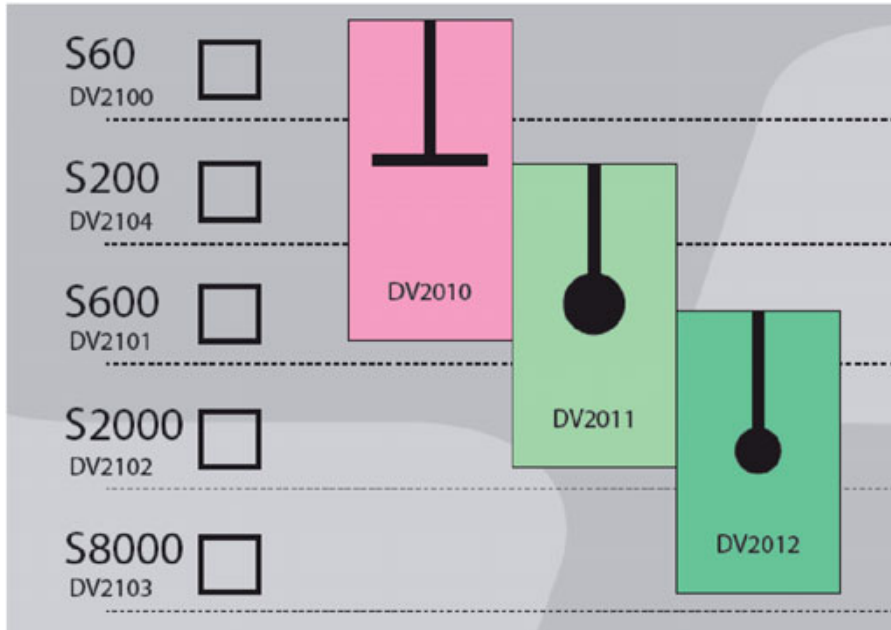
ORDERING INFORMATION

DV2000 TQC Sheen Digital Rotothinner™

ACCESSORIES

OILS

SPINDLES



DV2100	Oil S60	250ml	DV2010	Spindle 1	0-22P
DV2101	Oil S600	250ml	DV2011	Spindle 2	0,1-75P
DV2102	Oil S2000	250ml	DV2012	Spindle 3	1-350P
DV2103	Oil S8000	250ml			
DV2104	Oil S200	250ml			

SPECIFICATIONS

Mains	:	100-240VAC / 50-60Hz
Operating temperature:	:	+15°C - +35°C / +59 °F - + 95°F (Other temperature after proper calibration)
Net weight	:	8500 g / 18.7 lbs
Speed	:	562 rpm
Spindle	:	Supplied separately
Range	:	Spindle 1: 0 - 22P 0 - 2200cP Spindle 2: 0,1 - 75P 10 - 7500cP Spindle 3: 1 - 350P 100 - 35000cP
Resolution	:	0,1P 1cP
Accuracy	:	± 1% of full scale
Repeatability	:	± 1% of full scale
Sample container	:	RL seal required for spindle 1
Dimensions	:	200 x 360 x 550mm / 7.9 x 14.2 x 21.7inch (w x d x h)

USE

The TQC Sheen Digital Rotothinner™ 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. For daily use the TQC Sheen Digital Rotothinner™ can also be started by pulling it down by the handle.

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.
- Only use suitable solvents to clean the spindle, never use it for cleaning the instrument.
- Do not use compressed air to clean the instrument.
- Always keep the instrument in its case when not in use.

SAFETY PRECAUTIONS

The TQC Sheen Digital Rotothinner™ has no special safety requirements. In order to operate in all condition in the safest manner please only change the spindle when the motor is stopped.

CALIBRATIONS

We recommend annual calibration. For calibration, send the instrument, together with a RMA form* to TQC Sheen, 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.