

**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

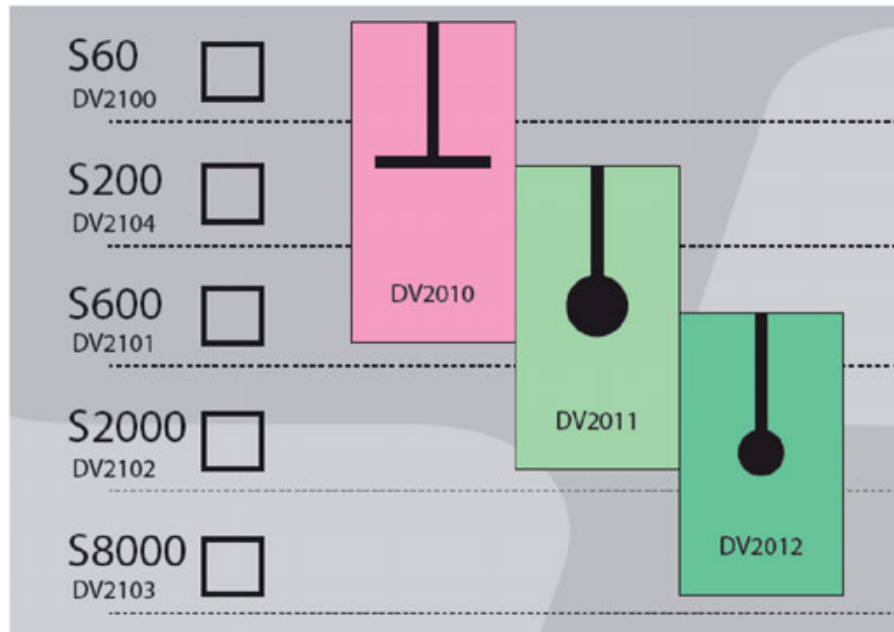
**ORDERING INFORMATION**

DV2000      TQC Sheen Digital Rotothinner™

## ACCESSORIES

### OILS

### SPINDLES



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

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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

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- 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

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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

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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

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The right of technical modifications is reserved.

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