Digital Rotothinner

DV2700

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

The Sheen 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.

INDUSTRIAL PHYSICS

Protecting
Product Integrity

Business

Automotive, Coating Industry, Construction/Building maintenance, Galvanize, Laboratory, Paint, Steel Protection, Wholesale.

Standards

The product(s) have been tested according the appropriate quality instruction, which is part of IPIC's quality system, which is annually audited by DNV GL – Business Assurance as the independent national accredited body, and has been found conform to the Management System Standard NEN-EN-ISO 9001:2015, traceable through Certificate Number: 258308-2018-AQ-NLD-RvA

Feature

- **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

- **DV2700 - TQC Sheen Rotothinner***
- **Handle**
- **240V/110V power adapter**
- **User manual**
- **Calibration certificate included**

***Spindles and calibration oils have to be ordered separately.**

Specifications

Technical Data

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

Operation

A tin container is filled with sample fluid and positioned on a magnetic rings mounted on top of the base. The spindle is submersed in the sample fluid by lowering the handle. When the handle has reached the lowest point, the spindle starts rotating with a set constant speed. The displays shows the actual measured viscosity in poise.

Readings

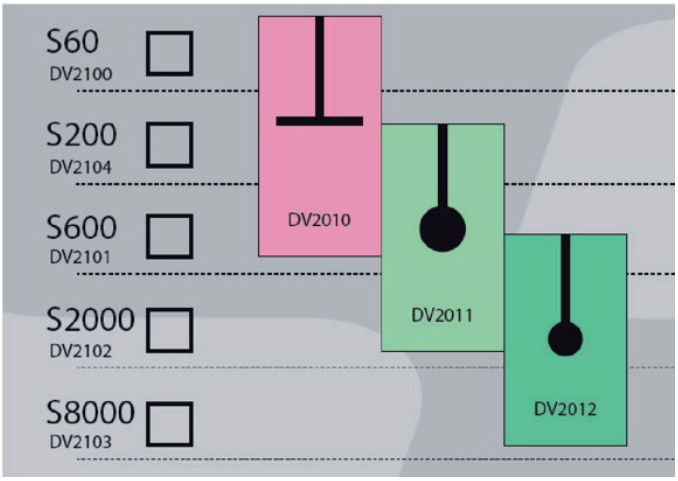
The reading of free-flowing fluids can be viewed quickly. More structured materials need more time because the spindle applies shear that influences the reading. That's why the Rotothinner™ offers several reading presets.

Easy-to-clean

After taking the reading(s) the handle can be lifted to a level where the spindle is just below the rim of the sample container. This level offers the operator the opportunity to spin off the sample material. When the handle is raised to its maximum extent the spindle automatically switches off. The quick release chuck allows for quick spindle exchange and eases cleaning the instrument and spindles.

Accurate and repeatable

The Rotothinner™ is microprocessor controlled which ensures a higher accuracy and repeatability. The accuracy is enhanced by the automatic multi-point calibration, for which no dongle is required.



DV2010 DV2011 DV2012

Ordering

DV2700 TQC Sheen Rotothinner

Accessories

Spindles

DV2010	**Spindle**	**1 0-22P – 0 – 2200 cP**
DV2011	**Spindle**	**2 0,1-75P – 10 – 7500 cP**
DV2012	**Spindle**	**3 1-350P – 100 – 35000 cP**

Calibration oils

SKU: **Various***

***Visit our website to explore our range of calibration oils.**

Contact Details

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INDUSTRIAL PHYSICS

TQC sheen