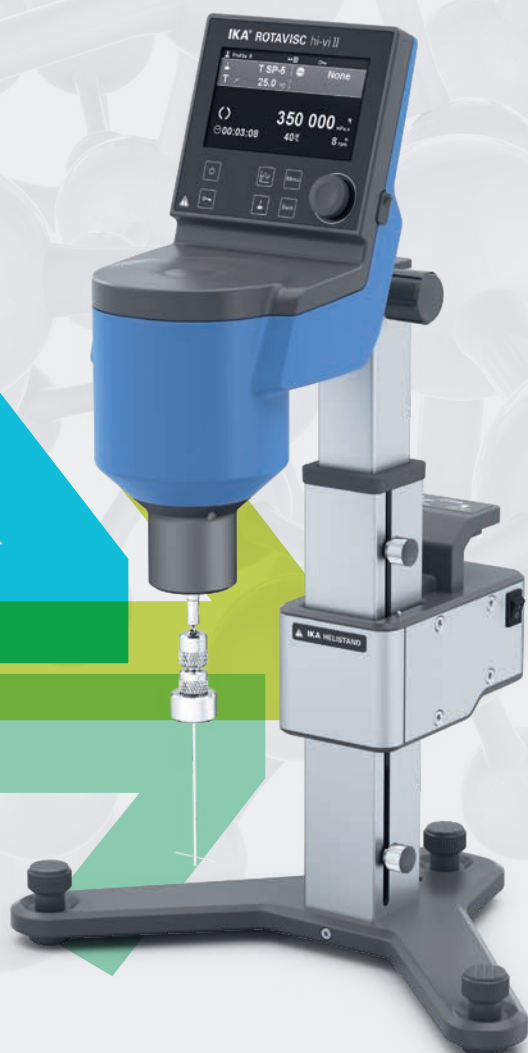


“Flow” is the term used to describe the wonderful mental state in which everything moves along by itself. And with the IKA viscometers, you can have the perfect flow in your laboratory. The new ROTAVISC range determines the viscosity of liquids in all applications, from the laboratory to quality control. The four devices each take measurements in different viscosity ranges. Smooth, fast and precise. The measuring process is intuitive and standardized, as well as working with the familiar IKA menu structure for laboratory devices.

ROTAVISC HELI COMPLETE

/// Viscosity measurement in motion

The viscometers in the ROTAVISC range can now be used with the motorized HELISTAND. It moves the mounted viscometer and its rotating body slowly and uniformly up and down in the sample. This way, the flow properties of highly viscous samples, such as creams, pastes, paints or gelatins can be measured reliably.



FOR HIGHLY VISCOUS SAMPLES

The ROTAVISC HELI Complete package includes both a viscometer and stand, and is ideal for highly viscous samples. A static viscometer would run empty here. Highly viscous samples would simply be forced to the edge by the rotational movements. The HELISTAND prevents this and provides meaningful viscosity measurements by slowly moving the incorporated T-spindles up and down.

BALANCING ON 3 LEGS

The HELISTAND has three legs. This design has a positive effect on the balancing of the rotating body in the sample bowl and provides an even more reliable measurement of the viscosity of viscous samples.

USER-FRIENDLINESS

Using, installing and cleaning the HELISTAND couldn't be easier. The ROTAVISC viscometer is simply placed onto the stand's drive motor and the T-shaped needle spindle is attached to the viscometer.

① **ROTAVISC lo-vi Complete**

Ident. No. 0025000310

② **ROTAVISC me-vi Complete**

Ident. No. 0025000311

③ **ROTAVISC hi-vi I Complete**

Ident. No. 0025000312

④ **ROTAVISC hi-vi II Complete**

Ident. No. 0025000313

* After device registration on www.ika.com/register**TECHNICAL DATA**

Viscosity accuracy	± 1 % FSR
Viscosity repeatability	0.2 % FSR
Display	TFT
Working temperature	Min.: -100 °C Max.: +300 °C
Speed	0.01 – 200 rpm
Speed setting accuracy	in range 0.01 – 1: 0,01 rpm in range 1 – 200: 0.1 rpm
Temperature measurement resolution	0.1 K
Connection for ext. temperature sensor	PT 100
Interfaces	USB, RS 232,
Dimensions (W x H x D)	351 x 629 x 372 mm
Weight	7.1 kg
Protection class according to DIN EN 60529	IP 40

ROTAVISC**MEASURING RANGES****ROTAVISC lo-vi**

Viscosity measuring range*	1 – 6 000 000 mPas
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ROTAVISC me-vi

Viscosity measuring range	100 – 40 000 000 mPas
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ROTAVISC hi-vi I

Viscosity measuring range	200 – 80 000 000 mPas
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ROTAVISC hi-vi II

Viscosity measuring range	800 – 320 000 000 mPas
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* 1 mPas with ELVAS-1

① **ROTAVISC lo-vi Complete**
+ labworldsoft® 6 Visc

Ident. No. 0025000310 + 0020101872

② **ROTAVISC me-vi Complete**
+ labworldsoft® 6 Visc

Ident. No. 0025000311 + 0020101872

③ **ROTAVISC hi-vi I Complete**
+ labworldsoft® 6 Visc

Ident. No. 0025000312 + 0020101872

④ **ROTAVISC hi-vi II Complete**
+ labworldsoft® 6 Visc

Ident. No. 0025000313 + 0020101872

②



LABORATORY SOFTWARE
labworldsoft® 6 Visc

Ident. No. 0020101872



① **ROTAVISC lo-vi HELI Complete**

Ident. No. 0020100361

② **ROTAVISC me-vi HELI Complete**

Ident. No. 0020100362

③ **ROTAVISC hi-vi I HELI Complete**

Ident. No. 0020100363

④ **ROTAVISC hi-vi II HELI Complete**

Ident. No. 0020100364



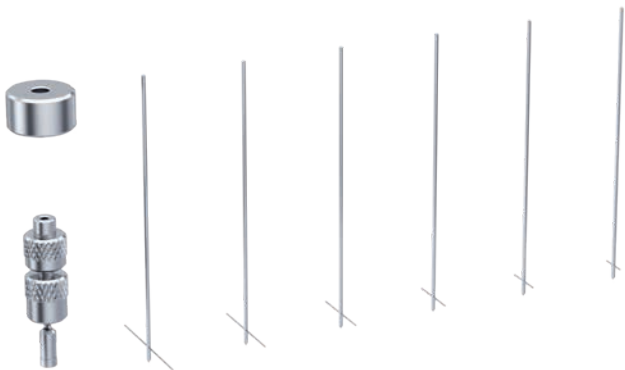


ROTASTAND

Product	Description	Ident. No.
STANDS		
ROTASTAND	Stand for ROTAVISC	0020006787
HELISTAND	Electrical stand for ROTAVISC	0020100262
HELISTAND Set	Electrical stand incl. T-spindle set	0020100271
SOFTWARE		
labworldsoft® 6 Visc	Laboratory software	0020101872



HELISTAND



HELISTAND Set



Adapter: DINS-1



Adapter: O DIN S-1



Adapter: VOLS-1



Hook Connector



Quick Connector



Spindle set: VAN-1

Product	Description	Ident. No.
ADAPTERS		
DINS-1	DIN adapter set	0025000387
O DIN S-1	Open DIN adapter set	0025000326
SAS-1	Spiral adapter set	0025000377
ELVAS-1	Extremely low viscosity adapter set	0025000390
VOLS-1	Low volume adapter set	0025000352
T-SP-Set	T-spindle set	0025007765

ACCESSORIES VISCOMETERS

DWB 600	Double-walled beaker 600 ml	0020024575
BH 600	Clamp for 600 ml beaker	0025000400
Hook Connector	Hook connector for spindles	0025000338
Quick Connector	Quick connector for spindles	0025000339
PT 100.8	Temp. sensor, stn. steel, Ø 3 mm, 75 mm	0025000413

SPINDLE SET

SP set-1	Standard spindle set (SP1 - SP4)	0025000319
SP set-2	Standard spindle set (SP7 - SP12)	0025000329
VAN-1	Vane spindle set	0025000407



SP-5



SP-6



VOL-SP-7.1



VOL-SP-11



VOL-SP-9



VOL-SP-2.1



VOL-C-RTD-3.8

Product	Description	Ident. No.
SPINDLES SINGLE		
SP-1	Standard spindle	0025006828
SP-2	Standard spindle	0025006829
SP-3	Standard spindle	0025006830
SP-4	Standard spindle	0025006831
SP-5	Standard spindle	0025006832
SP-6	Standard spindle	0025006833
SP-7	Standard spindle	0025006834
SP-8	Standard spindle	0025006835
SP-9	Standard spindle	0025006836
SP-10	Standard spindle	0025006837
SP-11	Standard spindle	0025006838
SP-12	Standard spindle	0025006839
VAN-SP-1	Vane spindle	0025006853
VAN-SP-2	Vane spindle	0025006854
VAN-SP-3	Vane spindle	0025006855
VAN-SP-4	Vane spindle	0025006856
VAN-SP-5	Vane spindle	0025008376
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373



CAL-O-5



CAL-O-100000

Product	Description	Ident. No.
STANDARD SILICONE OILS		
CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469