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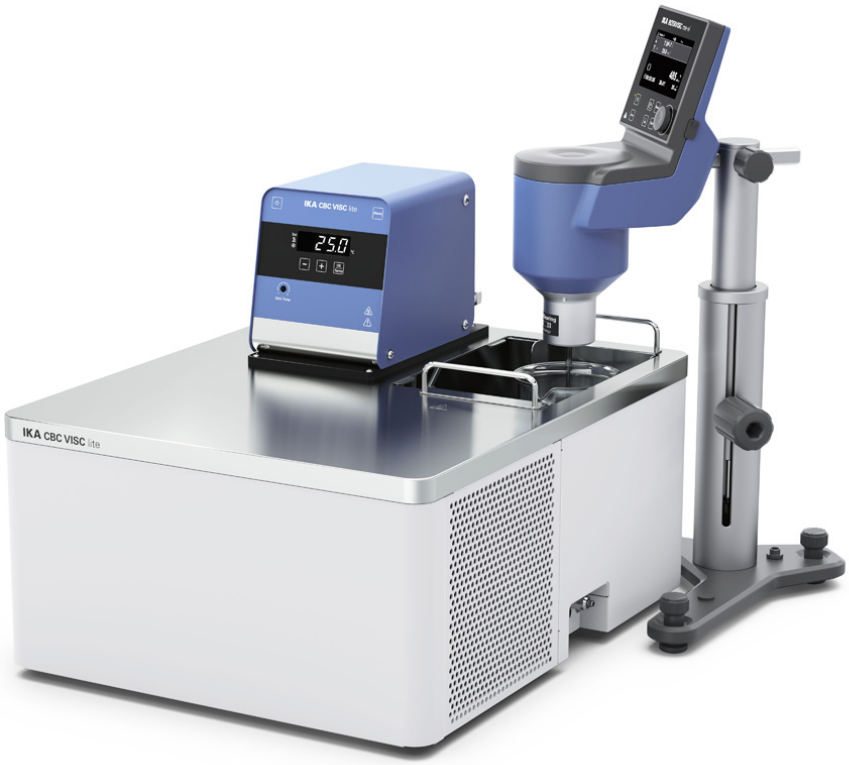

CBC ROTAVISC lo-vi Package

/// Data Sheet

The viscosity of most liquids depends on the temperature. To obtain reliable measurement results, accurate temperature control is crucial. The CBC ROTAVISC lo-vi Package is the perfect solution for precise viscosity measurement of temperature-dependent samples in the laboratory.

The ready-to-connect package combines the ROTAVISC lo-vi rotational viscometer with the CBC VISC lite heating and cooling bath circulator. The sample is measured directly in the heating bath under controlled conditions.

ROTAVISC lo-vi is a high-performance rotational viscometer for applications in a measuring range from 1 - 6,000,000

mPas.

The CBC VISC lite heating and cooling bath circulator was specially developed for use with IKA viscometers. It covers a temperature range from -25 °C to 125 °C and offers space for two standard beakers (600 ml). This allows a second sample to be pre-tempered during the measurement. Equipped with natural refrigerant R290, the CBC VISC lite is a sustainable and environmentally friendly alternative.

YOUR BENEFITS:
- Save time: A second beaker (600 ml) can be pre-tempered during the measurement.
- Perfect results: Optimized water flow management in the insulated bath for fast and precise temperature control.
- Improved ecological footprint: Equipped with the environmentally friendly natural refrigerant R290.
- Flexible application: Thanks to the external pump connection, CBC VISC lite can also be used for heating standard vessels according to DIN for absolute viscosity definition with ELVAS spindles or double-walled beakers.
- Easy to maintain: The easily removable and cleanable air filter guarantees optimum performance.
- Perfect compatibility and automation: ROTAVISC and CBC VISC lite are compatible with the labworldsoft® laboratory software, enabling easy automation, control and documentation of measurement results.

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Technical Data

Viscosity Measuring Range [mPas]	6000000
Viscosity Accuracy (FSR) [%]	1
Viscosity Repeatibility (FSR) [%]	0.2
Spring torque [mNm]	0.0673
Guard rail	lo-vi
Measuring spindle series	SP set-1
Motor rating output [W]	4.8
Overload protection	yes
Direction of rotation	right
Display	TFT
Speed display	TFT
Speed range [rpm]	0.01 - 200
Setting accuracy speed [rpm]	±0.01
Speed adjustment	TFT
Torque display	yes
Torque measurement	yes
Timer	yes
Timer display	TFT
Time setting range [min]	0.017 - 6000
Temperature measurement resolution [K]	0.1
Working temperature display	TFT
Connection for ext. temperature sensor	PT 100
Graph function	yes
Operating mode	timer and continuous operation
Calibration option	yes
Touch function	yes
Pemitted density [kg/dm3]	9999
Working temperature [°C]	-100 - 300
Fastening on stand	extension arm
Support rod diameter (with integrated fastening on stand) [mm]	16
Telescope stand stroke [mm]	200
Plug-in coupling (Ø) [mm]	12
Basic container volume [ml]	600
Stand	Rotastand
Stroke max. [mm]	61
Diameter [mm]	16
Dynamic load [kg]	5
Dimensions (W x H x D) [mm]	351 x 629 x 372
Weight [kg]	7.1
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 40
RS 232 interface	yes
USB interface	yes
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	24
Power input standby [W]	1.6

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DC Voltage [V=]	24
Current consumption [mA]	1000

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.