



designed for scientists



HELISTAND Set

/// Data Sheet

The motorized IKA HELISTAND allows you to measure the viscosity of highly viscous samples with a high level of reliability. It moves the mounted viscometer and its rotating body slowly and uniformly up and down in the sample.

Highly viscous samples such as creams, pastes, paints and gelatin cause a static viscometer to run empty. These substances are so viscous that they are forced to the edge by the rotational movements. An air channel is created around the rotating body, which is why the acting torque is then no longer meaningful. The IKA HELISTAND can prevent this by means of slow movements, up and down.



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Combined with the included T-spindles for non-flowing samples, you can thus acquire meaningful viscosity measurements.





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Technical Data

Stroke max. [mm]	142
Diameter [mm]	16
Dynamic load [kg]	3.2
Overload protection	yes
Height adjustable safety switch	yes
Dimensions (W x H x D) [mm]	351 x 343 x 252
Weight [kg]	5.5
Permissible ambient temperature [°C]	0 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 40
Voltage [V]	100 - 115
Frequency [Hz]	50/60
Power input [W]	7
Power input max. [W]	7
Power input standby [W]	0

