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ELVAS-1

/// Data Sheet

The extremely low viscosity adapter spindle set ELVAS-1 includes a double jacket to quickly heat up or cool down the sample as well as a coaxial cylinder system for the analysis of the sample at a specific shear rate and shear stress. This 16 ml spindle is commonly used with the ROTAVISC lo-vi and allows measurements from 1 mPas (water temperature at 20 °C). The spindle without the water jacket can also be used in customer-specific vessels. The maximum measurable viscosity is 2000 mPas.

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Technical Data

Spindle geometry	Cylinder
Connection	Thread M2.5 LH
Diameter [mm]	25.15
Spindle length [mm]	161
Sample volume [ml]	16
Flow Jacket	yes
Mounting Bracket	yes
Sample container:	Specified chamber
Working temperature max. [°C]	100
Viscosity Accuracy (FSR) [%]	2
Viscosity Repeatibility (FSR) [%]	0.2
Min. FSR match ROTAVISC lo-vi [mPa.s]	1
Max. FSR match ROTAVISC lo-vi [mPa.s]	2000
Min. FSR match ROTAVISC me-vi [mPa.s]	3.2
Max. FSR match ROTAVISC me-vi [mPa.s]	2000
Min. FSR match ROTAVISC hi-vi I [mPa.s]	6.4
Max. FSR match ROTAVISC hi-vi I [mPa.s]	2000
Min. FSR match ROTAVISC hi-vi II [mPa.s]	25.6
Max. FSR match ROTAVISC hi-vi II [mPa.s]	2000
Material in contact with medium	stainless steel 1.4404 / LDPE
Dimensions (W x H x D) [mm]	300 x 110 x 275
Weight [kg]	1.753
Permissible ambient temperature [°C]	5 - 40