



designed for scientists



VOL-SP-4.2

/// Data Sheet

VOL-SP-4.2 is an optional spindle for an extended viscosity range. It is especially suitable for sample volumes of 3.8 ml.

It is required to use the 4.2 ml chamber VOL-C-RTD-3.8 in combination with the VOL-SP-4.2 spindle. The chamber is available as accessory.

Technical Data

Spindle geometry	Cylinder
Connection	Thread M2.5 LH
Hook connector	yes
Diameter [mm]	7
Immersion depth [mm]	33
Spindle length [mm]	56.5
Sample volume [ml]	4.2
Flow Jacket	yes
Mounting Bracket	yes
Sample container:	Specified chamber
Working temperature max. [°C]	100
Viscosity Accuracy (FSR) [%]	2
Viscosity Repeatability (FSR) [%]	0.2
Min. FSR match ROTAVISC lo-vi [mPa.s]	599.9
Max. FSR match ROTAVISC lo-vi [mPa.s]	119974
Min. FSR match ROTAVISC me-vi [mPa.s]	6400
Max. FSR match ROTAVISC me-vi [mPa.s]	1280000
Min. FSR match ROTAVISC hi-vi I [mPa.s]	12800
Max. FSR match ROTAVISC hi-vi I [mPa.s]	2560000
Min. FSR match ROTAVISC hi-vi II [mPa.s]	51200
Max. FSR match ROTAVISC hi-vi II [mPa.s]	10240000
Material in contact with medium	stainless steel 1.4404
Dimensions (W x H x D) [mm]	9 x 59 x 9
Weight [kg]	0.008
Permissible ambient temperature [°C]	5 - 40