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ROTATEMP SBS me-vi Package

/// Fiche technique

The ROTATEMP SBS me-vi Package is the ideal solution for precise and reliable viscosity measurement of difficult-to-measure, highly viscous samples.

The package combines the ROTAVISC SBS me-vi rotational viscometer with the ROTATEMP high-temperature system to ensure optimum temperature control during the measurement process.

ROTAVISC SBS me-vi is a high-performance rotational viscometer for applications in a measuring range from 100 to 40,000,000 mPas. Equipped with advanced ball bearing technology (SBS - steel ball bearing, suspended), it offers

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exceptional reliability, even in demanding applications with high sample throughput, frequent spindle or location changes or under rather harsh environmental conditions.

The space-saving ROTATEMP high-temperature system is the perfect complement for measuring temperature-dependent samples that are not able to flow at room temperature, such as asphalt, bitumen, wax, polymers, candy base or hot melt adhesives. Thanks to precise and efficient temperature control, based on the proven IKA magnetic stirrer technology, samples can be heated up to 300 °C in just 16 minutes without overheating. This allows precise and reproducible measurements to be carried out.

YOUR BENEFITS:
- Fast, precise and reproducible results: The combination of ROTAVISC viscometer and ROTATEMP high-temperature system simplifies the viscosity measurement of difficult-to-measure, highly viscous samples.
- Simple operation and space-saving: The complete system is supplied ready for connection. With its space-saving design, it fits easily into any laboratory.
- Optimum compatibility and automation: ROTAVISC and ROTATEMP are compatible with the labworldsoft® laboratory software, which makes it easy to automate, control and document your measurement results.

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Données techniques

Plage de mesure viscosité [mPas]	40000000
Précision viscosité [%]	1
Reproductibilité viscosité [%]	0.2
Ressort - couple [mNm]	0.7187
Rails de guidage	me-vi
Broches de mesure	SP set-2
Puissance du moteur débitée [W]	4.8
protection antisurcharge	oui
Sens de rotation du moteur	À droite
Affichage	TFT
Affichage de la vitesse	TFT
Plage de vitesse [rpm]	0.01 - 200
Réglage de la vitesse d'exactitude [rpm]	±0.01
Possibilité de réglage de la vitesse	TFT
Affichage du couple	oui
Dimensions de couple	oui
Minuterie	oui
Affichage de la minuterie	TFT
Minuterie (réglage des heures et des minutes) [min]	0.017 - 6000
Résolution de réglage de thermométrie [K]	0.1
Affichage de la température de travail	TFT
Connexion pour une sonde de température externe	PT 100
Fonction graphique	oui
Type de fonctionnement	mode minuteur et mode continu
Possibilité d'étalonnage	oui
Fonction " touch"	oui
Densité autorisée [kg/dm3]	9999
Température de travail [°C]	-100 - 300
Support de statif	Bras de fixation
Diamètre tige de statif (comprenant le support de statif) [mm]	16
Levée statif télescopique [mm]	200
Raccord rapide (Ø) [mm]	12
Volume de base de la cuve [ml]	600
Trépied	Rotastand (statif)
Course max. [mm]	61
Diamètre [mm]	16
Charge dynamique [kg]	5
Dimensions (L x H x P) [mm]	351 x 629 x 372
Poids [kg]	7.1
Plage de température du milieu admise [°C]	5 - 40
Humidité relative admissible [%]	80
Protection selon DIN EN 60529	IP 40
Interface numérique RS 232	oui
Interface numérique USB	USB-B
Tension [V]	100-240
Fréquence [Hz]	50/60
Puissance absorbée de l'appareil [W]	24
Puissance absorbée de l'appareil Standby [W]	1.6

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Tension continue [V=]	24
Consommation électrique max. [mA]	1000