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CBC ROTAVISC me-vi Package

/// Fiche technique

The viscosity of most liquids depends on the temperature. To obtain reliable measurement results, accurate temperature control is crucial. The CBC ROTAVISC me-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 me-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 me-vi is a high-performance rotational viscometer for applications in a measuring range from 100 -

40,000,000 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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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

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