

HST-RMD300 Rubber No Rotor Rheometer



Picture just for reference

1.Applicable Industry:

It is suitable for testing the variation of shear modulus when raw rubber is vulcanized. The shear modulus is proportional to the crosslinking density. So the results reflect the changes in the degree of crosslinking during vulcanization. So that we can measure the parameters like curing speed, Curing time and desulfurization.

2.Meet standard:

GB/T16584— use rotorless curemeter to test vulcanization characteristics

ISO6502 Vulcanizing machine standard data

ASTMD5289 Rubber properties test methods

3.Technical Parameters:

MODEL	HST-RMD300
Temperature range	RT~200℃
Minimum temperature display	0.1℃
Temperature fluctuation range	±0.15℃
Heating rate	About 15℃/min

Torque range	0-20mm
Torque minimum reading	0.001nm
Swing angle	±0.5°/ ±1°/ ±3°(optional)
Swing speed	100r/min(1.66HZ)
Torque accuracy	0.3%
Temperature display resolution	0.01℃
Temperature recovery time	< 1.5min
Temperature unit	C (degrees Celsius), F (Fahrenheit), K (Kelvin)
Acquisition rate	200time/s
Software language	English, Chinese Simplified, Chinese Traditional
Software connection	USB2.0
Power	1 phase 220V±15V 50HZ
Dimensions	600×600×1180 mm
Weight	230 kg

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