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MODEL MS-5150

MARON MECHANICAL STABILITY TESTER

Outline

This testing machine is intended to measure the mechanical stability of the specimen from a mass of coagulation (latex solids content) generated after a definite period of time, by means of rotating the rotation-disk while pressing with a constant pressure to the specimen container that synthetic rubber latex material is put in.

Since rubber latex has property fluctuation items that are influenced by variation per hour or by the quality of a lot, this machine is a must for quality control and primary material purchase.

High-speed Mechanical Stability Testers (MS-5110 series) are also available depending on the application.



MODEL MS-5150



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Feature

- After the test starts, the rotation disk moves downwards by the motor automatically. If it should swerve from the set-up load value under testing, the rotation disk will keep the set-up value by moving up and down of rotation disk itself.
- The load that is applied to the rotation disk is measured by the load cell.
- The testing time can be set by timer optionally.
- On setting the specimen container, the load is ZERO-reset automatically
- Rotation disc can be attached to the rotation spindle with one touch with a taper system of fits.

Specification

MODEL	MS-5150
Applicable Standard	JIS K6387-1-2005、ISO123-2001 (Testing methods for synthetic SBR latex, revised in 1998)
Rotation speed of rotation-disc	1000±20rpm
Driving of rotation-disc	AC100V, 400W Motor
Moving up/down of rotation-disc	By AC100V, 250W motor
Set-up load for testing	49, 98, 147 N(by measured load)
Load indicator	Digital indication
Load detection	Load cell(Capacity: 0.5N)
Detection of load value	Usage of accessories weight
Testing time	Set-up by timer. Stop automatically.
Power source	AC100V, 1KVA
Dimensions and weight	Approx.(L) 340 X (W) 740 X (H) 825mm, approx. 130kg
Accessory	Rotation-disk : 1 , Specimen container : 1
	Bottom plate of specimen container : 1
	Polyethylene liner : 5
	Fixing tool for attaching specimen container : 1
	Tool for removing rotation-disc : 1
	Stainless wire netting : 1
	Weight(49N):3
Electric power code:1	

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Ueshima

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※Please be noted that the contents in this brochure may change without prior notice due to improvement of the equipment. 027-468230-3