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## MODEL MS-5113

# HIGH-SPEED MECHANICAL STABILITY TESTER

### Outline

This equipment is a high-speed stirring apparatus, which is intended to measure the mechanical stability of the natural or synthetic rubber latex. The rubber latex as industrial purpose is stabilizing materials with PH10 by adding ammonia to rubber sap collected from rubber tree, and is Colloid Sol with dispersed and floating rubber particles of about 0.2 $\mu$ m. When the rubber latex is stirred by high speed, the rubber particles start coagulating and finally it grows to the size that can be visual observation. The mechanical stability is defined by the time reached to this condition.

This measurement is one of important factor measured at the use of latex materials.



MODEL MS-5113



株式会社 上島製作所

UESHIMA SEISAKUSHO CO., LTD

## Feature

- Significant quietness in comparison with the conventional model.
- Easy check and adjustment of motor speed by the rotating meter.
- Easy up-and-down of the sample container by the handle.
- Automatic pause of electricity at the motor over-load.

## Specification

MODEL	MS-5113	
Applicable Standard	ISO 35(Natural rubber latex) or ISO 2006-1 (Synthetic Rubber latex)	
Rotation speed of shaft	14000±200rpm Fixed (alteration of speed is available between 12000 and 15000rpm as optional)	
Capacity of sample	80±0.5g	
Shaft	Diameter of bottom end	approx.6.3mm (w/taper)
	Diameter of disc	20.83±0.03mm : Natural rubber latex or 36.12±0.03mm : Synthetic Rubber latex (Specify when ordering)
	Thickness of disc	1.57±0.05mm
	Material	stainless steel
Sample container	Inside diameter	58±1mm
	Thickness of wall	2.5mm
Power source	AC100V, 5A	
Outside dimension	(W) 490 X (D) 350 X (H) 785mm	
Weight	Approx. 35kg	
Accessory	Gauge	1ea.
	Sample container	1ea.
	Container spacer	1ea.
	Power cord	1ea.

UESHIMA SEISAKUSHO CO., LTD.

<Manufacturer>

# 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.

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