

Mechanical Stability Testing Machine (MST)

Model: HUD-R109



Product Description:

The high-speed mechanical stability tester of latex meets the requirements of GBT 8301-2008 Determination of Mechanical Stability of Concentrated Natural Rubber Latex and SHT 1151-1998 High-speed Mechanical Stability Determination of Synthetic Latex. This instrument is mainly suitable for latex production units and scientific research institutes to test the mechanical stability of natural latex and synthetic latex. It is an indispensable instrument for improving the quality of latex.

Guidance:

After the instrument is unpacked and taken out, put it on the workbench. By rotating the feet, each foot can stably touch the workbench. Turn on the power and select the disc you need, tighten it to the mixing shaft, and place the latex to be tested. Pour into a glass cup, put the cup on the instrument cup holder, move the cup holder up to a fixed position and clamp it tightly, click the "RUN" button on the controller to start the test.

The default maximum speed of the instrument is 14000r/min (the speed knob is adjusted to the maximum is 14000), and it can reach 24000r/min by setting separately.

Configuration:

1. Glass container -- 2 pieces
2. Disc --2 pieces
3. Stirring rod -- 1 piece
4. Allen wrench -- 1 piece
5. Ring --2 pieces
6. Cooling water pump -- 1 set
7. Cooling water pipe --2 pieces

Technical parameter:

1. Operating conditions	temperature 10°C~40°C, humidity <85%RH
2. Stirring speed	14000rpm±200rpm
3. Latex container	flat-bottomed glass bucket, height>100mm, inner diameter 58mm, outer diameter 63mm.
4. Diameter of the low end of the stirring rod	6.3mm
5. Stirring plate	Diameter 36.12±0.03mm, thickness 1.57±0.05mm (suitable for synthetic latex)
	Diameter 20.83±0.03mm, thickness 1.57±0.05mm (suitable for natural rubber latex)
6. Indication error≤0.1%	
7. Measurement resolution	1 r/min
8. Display mode	inverter LED display
9. Maximum speed	24000r/min
10. Minimum speed	2000r/min
11. Power supply	220V ± 10%, 50Hz, 1500W
12. Dimensions	400mm×350mm×720mm