

HST-MPT500T Pharmaceutical Packaging Mechanical Performance Tester



Note: The picture is for reference only

Product Application:

The HST-MPT500T pharmaceutical packaging performance tester is a professional instrument used to test the mechanical properties of various pharmaceutical packaging materials. Designed according to the latest pharmaceutical packaging material standards, it is mainly used for testing the heat sealing strength, tensile strength, peel strength, and elongation at break of pharmaceutical packaging materials, aluminum foil, PVC rigid sheets, composite films, syringes, and cartridge bottles; ampoule breaking force testing; aluminum-plastic combination cap opening force, puncture force, and aluminum sheet tearing force testing; and syringe sealing performance, sliding performance, and needle-to-needle connection force testing. It is a multi-functional testing instrument that combines different clamps.

Technical Parameters:

Indicators	Parameters
Specifications	500 N (Standard); 50 N/100 N/300 N (Optional)
	1000 N (Customizable)
Accuracy	Better than 0.5 grade
Test Speed	Initial stroke: 0.1-500 mm/min stepless adjustment (Standard)

	Return stroke: 0.1-500 mm/min stepless adjustment (Standard)
Number of samples	1 piece
Sample width	30 mm (Standard grip)
	50 mm (Optional grip)
Sample clamping	Manual (Standard grip)
	Pneumatic (Optional grip)
Stroke	350 mm (without grip)
External Dimensions	470 mm (L) × 430 mm (W) × 800 mm (H)
Power Supply	220VAC 50Hz / 120VAC 60Hz
Net Weight	38 kg

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