HD-F766 Mattress Cornell Tester

**Product Description**

Test target: The test machine repeatedly applies loads to the mattress to simulate the impact and cyclic loading on the mattress. It is suitable for testing the durability of mattresses, including innerspring, box spring, and foam mattresses. The Cornell Type Tester is used to test the long-term capacity of bedding to resist cyclic loading.

**Technical Parameters**

1. Applied pressure: 300 kgf
2. Force range: 3000 kgf
3. Speed of push: Adjustable
4. Maximum force: 1025N
5. Minimum force: 22N
6. Cyclic loading: 100 cycles per minute

Imposed the pressure on mattress by a transducer, pressure range to 300KG
2. Adjust the pushrod stroke on mattress, maximum force = 1025N, minimum force = 22N
3. Pusher travel speed adjustable, about 100 weeks times per minute
4. Suitable maximum specimen: 2m x 2m
5. Check the height loss automatically: 200, 6000, 12500, 25000, 50000, 75000, 100000
6. Configuration: one load pad, one 200kg load sensor
7. Design criteria: ASTM F1566 section 9