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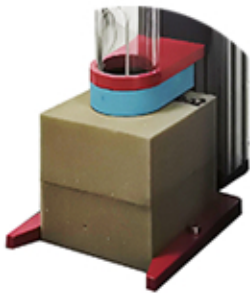
# Foam Rebound Tester GS-MEC-F01Pro



◆ Easy to take out the drop ball by using pick rod



◆ Magnet design, Steel ball is easy to be mounted



◆ Customer can freely adjust the test height



## Equipment Description

This machine is designed for the determination of the rebound elasticity of foam materials applied in ASTM D3574, ISO 8307, JIS 6400.

It evaluates the average percentage of spring rate through a given diameter and the quality of steel ball in the specified height on free falling on the foam sample.

This machine adopts microprocessor to control, LCD display, and can print test data.

## Equipment Advantages

- Machine Equipped with the mini-printer, you can choose to print test result out or save it by USB.
- Customer can freely adjust the test height according to sample's thickness through touchable PLC controller even beyond the standard requirement.
- The magnet design will mount the steel ball automatically after turning on the power.
- Machine records and evaluates the test result, no need to calculate by self.
- Touch-screen PLC control system make the operation user-friendly.



### Equipment Technical Data

Description	Specification
Drop height (Test height)	500mm ±0.5%mm or 460 mm ±0.5%mm
Drop ball (Steel ball)	Diameter : $\phi$ 16±0.05 mm Mass: 16.8g ± 1.5 g
Accuracy	<1.5%
Display	LCD Touch Screen interface
Sensor	Optical fiber sensor
Test result	Rebound height, rebound rate and average rebound rate after 5 test times or based on your needs
Sample size (L×W×H)	100*100*50mm or based on your requirements (Max 200*200*150mm)
Machine dimension (L×W×H)	570mm×300mm×640mm
USB interface	Output test results by USB
Accessories	One drop ball, and one pick rod
Power supply	Single-phase, AC110V / AC220V±10%, 50/60Hz (can be appointed)
Packaging Dimensions (LxWxH)	680*470*860mm
Gross Weight	40Kg

### Equipment Test Standard

ASTM D3574, GB/T6343, GB/8810, GB/T2669, GB/T10799, GB/T1033.

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