



ACCURATELY MEASURES ALL STATIC AND DYNAMIC
CHARACTERISTICS OF A DOOR





★ TECHNOLOGY

- EZSlam integrates precise algorithms and scientific methods into a simple, comprehensive tool for closure measurement
- EZSlam is easy to use and can be operated by non-metrology technicians.
- Generates sharable results that assist in comparing designs, facilitates quality monitoring and accelerates the design analysis process
- Developers can investigate dependencies between components and optimize tolerance bands
- Used as a simple tool to monitor quality, troubleshoot issues and evaluate current standards
- EZSlam offers a method of combining information from several tests into one model and determines key characteristics that otherwise can only be estimated by time consuming iterative testing

+ FEATURES

- Translates subjective impressions into numbers
- Offers a compact design and is easy to transport
- New handle design to improve comfort and accuracy on friction measurement for hinge and check system
- Reduces typical testing time
- Increases accuracy of the results
- All-in-one measurement
- Wireless operation
- Weight compensation

✓ KEY METRICS

- Minimum closing speed, minimum closing energy from fully open or any detent position
- Striker alignment, latch point, latch force, latch energy, residual energy
- Hinge angle in X and Y, gravity energy
- Door check force curve, door check energy closing boost, friction
- Inertia, weight, door radius
- Cabin pressure peak and vacuum, cabin energy, air evacuation
- Seal compression, seal dynamic damping, flush sensitivity

🔧 SPECIFICATIONS

Speed	0 - 2.5 m/sec
Force	0 - 500N
Pressure	-5 to +5 mbar
Acquisition	~500 Hz



📦 APPLICATIONS

- Advance quality control in factories
- Troubleshoot existing door designs
- Benchmarking competitors' cars
- Assist with design, define influence of components
- Defines characteristics per segment:
 - Sedan, SUV, luxury, standard, heavy duty
- Assist with new design and prototyping

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