



ENERGYPOD IS THE NEXT GENERATION, MOST VERSATILE MEASUREMENT GAUGE TO QUANTIFY CLOSING EFFORTS AND COMFORT. CAPABLE OF MEASURING CLOSING ENERGY, SPEED, HINGE TIP, STATIC FORCE AND MANY OTHER ELEMENTS THAT CONTRIBUTE TO A QUALITY FEELING.





★ TECHNOLOGY

- Door mounted technology using specialized 9-channel inertial sensors
- Special 3D load cell to capture any user interaction on the closure
- Dual-core processor for real-time signal processing
- 16GB onboard memory
- Dual Li-Ion Battery for uninterrupted operation
- Docking Station with fast charging capability



🔧 SPECIFICATIONS

Weight	280 grams
Accuracy Energy	< 2 %
Size	150 x 80 x 60 mm
Force Range (Standard)	0 to 225 N
Force Range (Extended)	0 to 450 N
Speed Range (Standard)	0.01 to 2.20 m/sec
Speed Range (Extended)	0.01 to 8.20 m/sec

+ INDUSTRIAL DESIGN

- Integrated, shock-absorbing, protective cover
- Ergonomic Tool for load application
- Lightweight design for comfort and accuracy
- Bluetooth and Wi-Fi enabled for connectivity and data transfer
- Ultra bright LEDs for immediate user feedback on status or tolerance evaluation
- Scratch-proof, high contrast e-ink display
- Battery-saving, low-power sleep mode
- Patented, single-action suction cup system for instant mounting and dismounting
- In-house verification and maintenance possible for minimum downtime



⚙️ BUTTON-FREE OPERATION

- Integrated, single-operation suction cup for instant mounting on door or window surface
- Automatic recognition as EnergyPod is mounted or dismounted on a door
- Automatic recognition of "latched" or "not latched" condition
- Measurement accuracy is not affected by mounting position or orientation
- "Measurement Finished" indicator to ensure quality of measurement

🔗 FEATURES

- Energy Mode: Measurement of minimum closing energy from any position
- Speed Mode: Measurement of minimum closing speed
- Gap mode or Go/No-go mode for accurate, fast, and reliable acquisition
- MyPod configuration software to customize device with preferred profiles, units, and tolerances
- Technology works on all hinged door types
- Latch Analysis: Opening Speed, Latching Force*
- Trajectory Analysis: Measure friction, hinge inclination, and door angle*
- Frameless Window Analysis: Measure window shake, window drop, and preload*
- Extended Speed range for movement up to 8m/s*

📊 DATA COLLECTION

- CSV export to onboard memory, tablet, or computer*
- For Analysis applications: IOManager software suite for synchronized multi-device recording, data management, signal processing and reporting
- For Quality Control: PLS software suite for fully automated in-line inspection plans

* These modules and features are purchased separately.