



# EZ ENERGY

MEASURES THE ACTUAL MECHANICAL ENERGY THE USER HAS TO PUT INTO A DOOR SYSTEM IN ORDER TO LATCH





## ★ TECHNOLOGY

- Compact and lightweight stand-alone measurement device; no wires, computer datalogger or external power required
- EZEnergy is the most accurate representation of door closing efforts
- Uses multi-sensor technology to measure the applied force, speed and travel during a door's closing motion
- Advanced algorithms for best accuracy and optimal repeatability
- Non-abrasive suction cup mount with quick release
- Exchangeable Li-ion battery with desktop charger for continuous operation

## + FEATURES

- Upper and lower tolerances
- Upper and lower warning levels
- Tolerance feedback lights: Green/Yellow/Red in line with final results
- Sleep mode for extended operations
- Bright, scratch resistant, multifunctional display with auto-rotate function
- Comes in rugged transport case with desktop charger and battery

## ✓ APPLICATION OPTIONS

- Wireless connectivity (Bluetooth or Wi-Fi) for datalogging in Audit or in-line environments (refer to Audit or PLS Solutions)
- Download continuous curve—displaying speed and force data as a function of door angle—during a closing motion
- Protective shock-absorbing cover to protect device from damage during accidental drops

## 🍷 APPLICATIONS

Manual or Powered:

- Rotating Side Doors
- Tailgates
- Liftgates
- Trunks
- Hoods
- Frunks

## 🔧 SPECIFICATIONS

|                         |                  |
|-------------------------|------------------|
| Energy Range            | 0.1 to 85 J      |
| Energy Accuracy         | < 5% (Traceable) |
| Force Range - Model 300 | 0.1 to 300 N     |
| Force Range - Model 500 | 0.1 to 500 N     |
| Force Accuracy          | < 3% (Traceable) |
| Speed Range             | 2 m/s            |
| Speed Accuracy          | < 3%             |
| On Full Charge          | 10 hours         |
| Weight                  | 0.6 kg           |

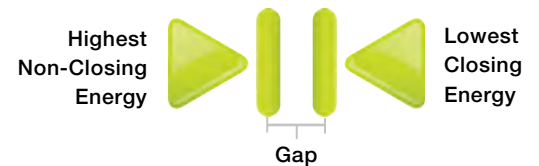


## 📊 MULTI-METRICS

- Minimum Closing Energy
- Static Closing Force, Door Check Force, Peak Force
- Door Speed
- Door Open Angle, Detent Angle

## ⏸️ GAP MODE

- Built-in verification method to validate accuracy of measurement
- Stores highest non-closing energy
- Stores lowest closing energy
- Accepts measurement if both values are within a defined range of each other



Guarantees Certainty of Operation