EZENERGY

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

EZENERGY

TECHNOLOGY

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

FEATURES

- Upper and lower tolerance
- Upper and lower warning levels
- Tolerance feedback lights: Green/Yellow/Red in line with final result
- Sleep Mode for extended operations
- Bright, scratch proof, multifunctional display with autorotate function
- Comes in rugged transport case with desktop charger and battery

APPLICATION OPTIONS

- Wireless connectivity (Bluetooth or Wifi) for datalogging in Audit or in-line environments (refer to Audit or PLS Solutions)
- Download full continuous curve data during a closing motion. For Speed and Force in function of Door Angle
- 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

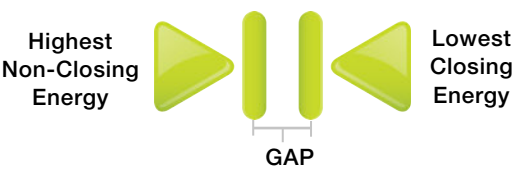
Energy Range	0.1 to 85 J
Energy Accuracy	< 5% (Traceable)
Force Range - Model 300	0.1 to 300N
Force Range - Model 500	0.1 to 500N
Force Accuracy	< 3% (Traceable)
Speed Range	2 m/s
Speed Accuracy	< 3%
On Full Charge	10 hours
Weight	0.6 kg

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

MULTI-METRICS

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



Guarantees certainty of Operation

CLP209

EZ METROLOGY

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