

# G-Force

## CLOSING EFFORT SYSTEM

### Energy, Force, and Velocity in One Tool!

MEASUREMENT DISPLAY



GREEN/RED LED DISPLAY



QUICKLY MEASURE DOORS AND LIFTGATES



INTERFACE DIRECTLY TO  
DATA COLLECTION SOFTWARE



ACCURATE AND REPEATABLE



PRECISE MEASUREMENTS EVERY TIME



# CLOSING EFFORT SYSTEM



## G-Force

### WIRELESSLY MEASURE CLOSURE VELOCITY, FORCE, AND ENERGY

The **LMI G-Force** is a wireless device designed to measure closure Velocity, Force, and Energy and wirelessly send readings to a PC or Assembly Information System Controller.

The G-Force is easily attached to a closure using the **vacuum cup**. One press of the button will start the measurement test. Once the door, deck-lid, lift-gate, or sliding door has been closed, the **velocity, force, and energy** are displayed and a red/green LED will indicate pass or fail based on the limits that are set in the G-Force. The user can **re-test** or **wirelessly** send the measurement.

- Wireless data transmissions
- Simple to program and use
- Robust design
- Vacuum cup makes placement on the closure fast and secures regardless of material: aluminum, composite, or steel
- Easy test push-button for direct user input of closure measurement
- Multiple outputs: Velocity (meters/second or feet/second), Force (Newtons), Work (Joules, Nm)
- Comparison to limits for immediate feedback with a green/red LED and measurement displayed to the user
- Designed to measure and re-measure quickly for 100% in-line measurement
- Long-life rechargeable battery lasts well over 1 shift of continuous usage
- Large easy to read display
- Accurate and repeatable
- Configurable using convenient utility
- 1 Year Warranty

#### SIMPLE TO CONFIGURE



#### EASY TEST PUSH BUTTON & VACUUM CUP



#### EASILY GENERATED DATA CURVES

