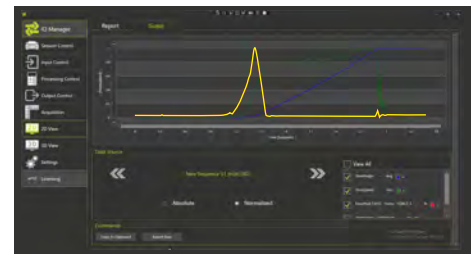




FORCEPOD IS A FORCE ACQUISITION UNIT CAPABLE OF STREAMING SIGNALS FROM 1D OR 3D LOAD CELLS INTO AN ENVIRONMENT OF OTHER DOOR OR VISION SOLUTIONS PROPOSED BY EZMETROLOGY





## ★ TECHNOLOGY

- Flexible easy to connect load cell
- TEDS identification compatible
- Analysis for Max – Min Reading
- Streaming data to computer

## + INDUSTRIAL DESIGN

- Integrated, shock-absorbing, protective cover
- 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 or USB powered

## ↔ FEATURES

- Connect up to 3 Load Cells
- Compatible with bridge type load cells from 1 to 1000N.
- Min, Max or Final measurement capability
- Measurement cycles to average repetitions
- Stream the data to a computer for continuous data acquisition

## ⚙️ COMPATIBLE SENSORS

- Pinch Sensor to capture pinch forces of door systems
- 1D Bridge Type Load cell (up to 3 in parallel)
- 3D Bridge Type Loadcell
- Torque free handle, a combination of suction cup and handle



## 🔑 SPECIFICATIONS

Channels	3 channels
Compatibility	TEDS compatible
Bridge Excitation	5 VDC
Sample Rate	< 2 kHz
Rise Time	2 ms

## ⚙️ TYPICAL APPLICATIONS

- Obstruction Force for power doors
- Pinch Force for power doors
- Structural Deformation under load with EZMotion

## 📊 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 Analysis applications: Combination with EZMotion for correlation between force and displacement
- For Quality Control: PLS software suite for fully automated in-line inspection plans

\* These modules and features are purchased separately.