



NEXT GENERATION POD FOR ACCURATE MEASUREMENTS OF  
TRANSIENT AIR PRESSURE. COMPLETE WITH WIRELESS  
CAPABILITY AND FULL REMOTE OPERATION





## + FEATURES

- Auto-zeroing for accurate measurements in ambient conditions
- Data sampling up to 2 kHz
- Reporting of key values including pressure maximum, minimum, and wave size
- Automatic or manual differential mode
- 2mm barb connections for remote sensing with tubing
- Sleep mode for extended battery life
- Triggering and synchronization with other EZMetrology devices available through IOManager software (sold separately)

## ✓ POPULAR COMBINATIONS

Use PressurePod with:

- SpeedPod: Establish the relationship between door speed and cabin pressure
- EnergyPod: Establish the relationship between closing energy and cabin pressure
- Motion: Closure movement, deformation and cabin pressure
- Other PressurePods: Measure pressure propagation and amplitude throughout air escape path

## 🔗 SOFTWARE

- MyPod, Windows-based, software provides wireless control for configuration, manage profiles and provide an extended display
- MyPod Data Logging Module enables saving measurement results or raw data streams to the computer in universal csv file format
- IOManager, Windows-based, software provides data collection, synchronization with other devices, signal processing, and automatic reporting of test results

## 🔧 SPECIFICATIONS

<b>Units</b>	mbar, Pa, psi, mmH <sub>2</sub> O, mmHg
<b>Gauge Pressure Range</b>	±7.5 mbar
<b>Accuracy</b>	< 3% (traceable)
<b>Resolution</b>	0.01 mbar
<b>Sampling Frequency</b>	250 to 2000 Hz
<b>Recording Time</b>	>500 Hz, up to 8 sec <500 Hz, unlimited
<b>Dimensions</b>	135 x 73 x 50 mm
<b>Weight</b>	210 g
<b>Temperature</b>	0 to 50 °C
<b>Humidity</b>	0 to 95% (non-condensing)

## ★ TECHNOLOGY

- Highly accurate piezoelectric sensor for monitoring transient gas pressures
- Internal solenoid for isolation and control of measurement sensor
- Wireless solution with real-time Bluetooth data streaming
- SD Card available for saving configurations and measurement data
- Easy remote programming and operation with MyPod software
- Li-ion battery for continuous operation with convenient USB fast charging
- High-contrast, low-power display screen for easy viewing of measurement results

## 🔗 APPLICATIONS

- Automobile cabin pressure analysis
- Pressure contribution studies for door and trunk closing efforts
- Valve operation including cabin release valves
- Pressure variation studies including preliminary leak rate checks