

# ShockQC™

Reduce glass breakage by 80% with industry's only IPS measurement.

Smart in-line sensors.

Powered By **MASITEK**



# MMAAZZ

Insights, trends and detailed analysis with Line Intelligence Visualization



## Applications:

- Reduce breakage and damage by 80%.
- Cut downtime by 60% with consistent use.
- Improve line efficiencies, targeting downtime and maintenance.
- Measure IPS (Inches Per Second) strength-rating for glass containers.
- Calculate a rating of line impact performance.

## Technical Specifications

- Data Recording**  
 Sampling Rate: Up to 100,000 samples/second to ensure 99% repeatability on any given point.
- Battery**  
 Type: Rechargeable Li-Ion  
 Charge: 8 hours continuous use
- Impact Detection**  
 Accelerometers: 5  
 Triaxial Accelerometers provide comprehensive 360° detection.
- Bluetooth**  
 Range: 300 ft.  
 Other: Dual-mode Bluetooth 4.0
- Configurable App**  
 Customized thresholds quickly detect areas where IPS and G-Force measurements exceed container rating.
- Pre-loaded Tablet**  
 The MMAAZZ™ app ships pre-loaded on a Windows-based tablet for quick set-up and real-time calibration.
- Web-based Dashboard**  
 Compare data runs and generate reports from anywhere via an easy-to-use web interface.

## What's inside ShockQC™:

- Impact & IPS Measurement**  
 Industry's only Inches Per Second (IPS) and Vidrala Impact Index (VII) measurement and visualization.
- Line Intelligence Visualization**  
 Executive dashboard data analysis for quick insights and trending through modern data visualization.
- Interchangeable Pod System**  
 Transferable sensor pods enable flexibility and cost-effective expansion to multiple replica container types.
- Custom Acrylic Replica**  
 Heat and water resistant acrylic replicas are based on your containers' CAD drawings for absolute accuracy.
- Video & Location Tracking**  
 Wireless Bluetooth beacons combined with integrated video pinpoint and visualizes locations of high impact.
- Transportation Mode**  
 Deploy in a case or pallet during shipping for a dock-to-shelf account of your product's transportation journey.