

# ULTIMATE BLAST DATA

Captures overpressure data with the precision of laboratory grade sensors.

## BLAST GAUGE<sup>®</sup> SYSTEM

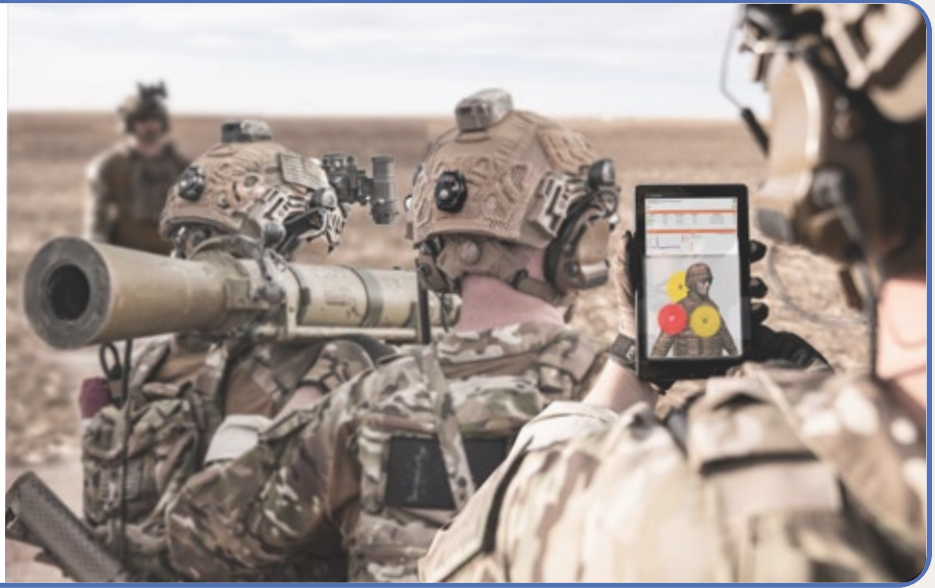
**ADG**  
AIRBOSS DEFENSE GROUP  
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# The Blast Gauge® System

The Blast Gauge® System is the best tool for understanding and mitigating the long-term effects of blast overpressure exposure. The set of three wearable overpressure sensors captures blast exposure in an easy-to-use and near-autonomous system.

Research suggests that repetitive exposure to blast overpressure, even at low levels, can cause concussion-like symptoms and long-term neurodegenerative disease, including:

- Structural changes in the brain
- Increased PTSD
- Acceleration of age-associated neurological disorders
- Persistent concussion symptoms



## The Blast Gauge® allows you to:

**TRIAGE:** Identify individuals exposed to dangerous levels of overpressure, allowing for targeted medical assessment.

**TACTICS:** Refine and reinforce the tactics, techniques, procedures (TTPs) based on individual and unit exposures.

**TRACE:** Correlate the exposure history of individuals to their emergent symptoms.

**TRACK:** Enroll personnel in a longitudinal health surveillance program.



**Mobile Connectivity:** The Blast Gauge® System App (BGSA) for Android™ allows for near real-time data analysis and download with Bluetooth 4.1

## Specifications

**PART NUMBER / NSN**  
G701 / 6665-01-665-8243

**LONG-LASTING BATTERY**  
Single discharge battery lasts 3+ years in training or 1+ year in combat

**DIMENSIONS**  
1.75" L x 1.25" W x 1" H  
(44 x 32 x 25 mm)

**TOTAL SYSTEM WEIGHT**  
<5 oz (142 g)

**DURABILITY**  
MIL-STD-810G relevant elements certification

**EXPORT CLASSIFICATION**  
EAR-99 (not subject to ITAR)

**STORAGE**  
500+ full waveform events or more than 6,000 summary data events

**SECURITY**  
Low-signature Interrogated Wireless™ Bluetooth

**SHELF LIFE**  
5 years (at room temperature)



in collaboration with  
**BLACKBOX BIOMETRICS**

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