

ULTIMATE BLAST DATA

Captures overpressure data with the precision of laboratory grade sensors.

BLAST GAUGE[®] SYSTEM

ADG
AIRBOSS DEFENSE GROUP
adg.com

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

LONG-LASTING BATTERY

Single discharge battery lasts 3+ years in training or 1+ year in combat

SHELF LIFE

5 years (at room temperature)

MADE IN THE USA

DIMENSIONS

Length: 1.75 in (44 mm)
Depth: 1.25 in (32 mm)
Height: 1.00 in (25 mm)
Total system weight: < 5 oz

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