

PRODUCTS AND ACCESSORIES

AIRBOSS WARRIOR SYSTEMS

Innovative, mission-enhancing capabilities allowing
warfighters to address the unique challenges of
today's specialized operational tasks.

ADG
AIRBOSS DEFENSE GROUP

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SENSORS

A revolutionary advancement in blast monitoring and surveillance



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.

KEY BENEFITS

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, and persistent concussion symptoms. The blast gauge was built to protect soldiers from this difficult to detect threat.

Exposure tailored treatment

Data is transferred wirelessly to a mobile app or via USB to a PC for detailed event analysis.

Durable

The fully encapsulated design withstands weather and impact.

Automated

Blast overpressure and acceleration data are automatically collected and classified.

Reprogrammable

Load the latest algorithms at time of activation.

Small

Less than two cubic inches.

Flexible

Instantly mounts to helmets, gear, and vehicles.

Inexpensive

Quickly outfit deployed troops and personnel.

Secure

Operator privacy is protected.

Multipurpose

Route clearance, training, SOF, breaching, SWAT, and bomb squad.

THE BLAST GAUGE® SYSTEM

Part Number	BB-1700K-01
NSN	6665-01-665-8243
See index for a complete listing of part numbers.	
Long Lasting Battery	Single discharge battery lasts 3+ years in training or 1+ year in combat. <i>Lifetime based on estimated temperature profile of deployments in Afghanistan.</i>
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)



MULTIPLE APPLICATIONS

Triage

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

Tactics

Refine and reinforce the Tactics, Techniques, and Procedures (TTPs) based on individual and unit exposures.

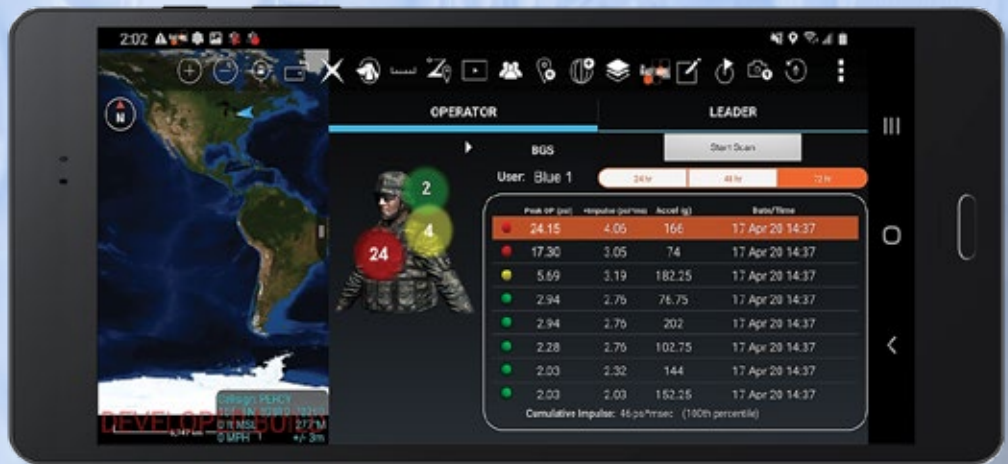
Trace

Correlate the exposure history of individuals to their emergent symptoms.

Track

Enroll personnel in a longitudinal health surveillance program.

Captures overpressure data with the precision of laboratory-grade sensors.



MOBILE CONNECTIVITY

The Blast Gauge® System App (BGSA) for Android™ and the Android Team Awareness Kit (ATAK) allows for near real-time data analysis and download with Bluetooth 4.1

ENERGETICS

Simple modular multipurpose
lightweight clearing charge

BANDOLIER®

The latest in explosive technology, the Bandolier® Lightweight Clearing Charge is a pre-packaged, modular, multipurpose explosive line charge. The Bandolier is fielded by multiple NATO countries and partners.



KEY FEATURES



Lightweight

The Bandolier® is a lightweight and modular explosive system, employable across mobility, countermobility, and survivability mission profiles.



Scalable

Using a patented hinged tray and sleeve enclosure, the Bandolier® bridges the capability gap between large, complex, single-role charges and standard bulk demolitions.



Modular

The unique design is light enough for dismantled operations and flexible enough to meet larger-scale missions requirements.

KEY BENEFITS

Lightweight

47% lighter than the equivalent explosive capability of C4.

Modular

Compact design enables load distribution amongst personnel.

Rapid

Rapid in-stride deployment through integrated, adjustable boosters.

Multipurpose

Application for use against a range of targets.

Versatile

Conforms to complex target geometries.

Scalable

Design enables mission-tailored application.

Efficient

Efficient consumption reduces explosive waste and excessive standoff.

Simple

Non-mechanical design, with no metallic fragmentation.

Interoperable

Works with all standard military spec initiation systems.

BANDOLIER®	
NSN	1375-17-126-7476 (System)
NSN	1375-17-128-2772 (Inert)
See index for a complete listing of part numbers.	
Colors	Desert Tan or Olive Drab Green
Total Charge	One (1) 5' (1.5 m) charge Three (3) 10' (3 m) charges
Total Weight	15 lb (6.8 kg) total weight
Net Explosives Weight	1.75 lb (794 g) (5' module) 3.28 lb (1.49 kg) (10' module)
Testing	Meets MIL-PRF 46676B (AR) test criteria
Hazmat Classification	UN0048; 1.1D

APPLICATIONS

- Steel cutting
- Timber cutting
- Wire and fence breaching
- Concrete/masonry breaching
- Path clearance
- Dynamic entry
- Cache reduction
- UXO/IED remediation
- Underwater demolition

WARRIOR SYSTEMS

PART NUMBER INDEX

When placing an order, please refer to the part number information in this index to ensure you receive the correct products.

SENSORS

THE BLAST GAUGE® SYSTEM			PAGE 3
Part Number	NSN	Description	
BB-1700K-01*	6665-01-665-8243	Blast Gauge System Set (includes three gauges)	
BB-1700A-01		Single Blast Gauge System (includes one gauge)	
* Formerly part # G701			

ENERGETICS

BANDOLIER® LIGHTWEIGHT CLEARING CHARGE			PAGE 5
Part Number	NSN	Description	
500-0307-B		Bandolier Lightweight Clearing Charge, NATO Config B, Olive Drab Green	
500-0307-D	1375-17-126-7476	Bandolier Lightweight Clearing Charge, Config D, Desert Tan	
500-0307-E		Bandolier Lightweight Clearing Charge, NATO Config D, Olive Drab Green	
500-0307-C	1375-17-128-2772	INERT Bandolier System, Bronze	

ADG

AIRBOSS DEFENSE GROUP



Headquarters

8261 Preston Court | info@adg.com
Jessup, MD 20794 | www.adg.com

2600 Auburn Court
Auburn Hills, MI 48326

3559 Winton Place,
Suite 2
Rochester, NY 14623

3015 Dunes West Blvd,
Suite 509
Mount Pleasant, SC 29466

970 Rue Landry
Acton Vale, QC J0H 1A0