

**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.

#### Automated and Reprogrammable

Blast overpressure and acceleration data are automatically collected and characterized.

#### Hermetically sealed housing

Design allows for submersion at up to 15ft dive-depths without adverse effects.

#### Exposure tailored treatment

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

#### Small and Flexible

Less than two cubic inches. Instantly mounts to helmets, gear, and vehicles.

#### Snag resistant

Flat sensor protector for greater robustness and reduced snag risk.



### THE BLAST GAUGE® SYSTEM

Part Number	BB-1750K-01
NSN	6665-01-665-8243
<a href="#">See index for a complete listing of part numbers.</a>	
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 (48 x 23 x 36 mm)
Total System Weight	<5 oz (142 g)
Durability	MIL-STD-810H 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.

## EASY TO USE MOBILE CONNECTIVITY

1. Quickly set up, activate, and assign gauges to an individual
2. Rapidly and easily check data in the field (Red, Yellow, Green LED indicator or on an Android™ device)
3. Inform post-exposure assessments
4. Periodically send data to a central repository
5. Review centralized data to identify trends, minimize exposures, and guide treatment

Management applications are available for both MS Windows and Android enabling both device configuration and analysis of captured data.



# 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 dismounted 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)
<a href="#">See index for a complete listing of part numbers.</a>	
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

<b>THE BLAST GAUGE® SYSTEM</b>			<b>PAGE 3</b>
Part Number	NSN	Description	
BB-1750K-01*	6665-01-665-8243	Blast Gauge System Set (includes three gauges)	
BB-1750A-01		Single Blast Gauge System (includes one gauge)	
* Formerly part # G701			

## ENERGETICS

<b>BANDOLIER® LIGHTWEIGHT CLEARING CHARGE</b>			<b>PAGE 5</b>
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



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