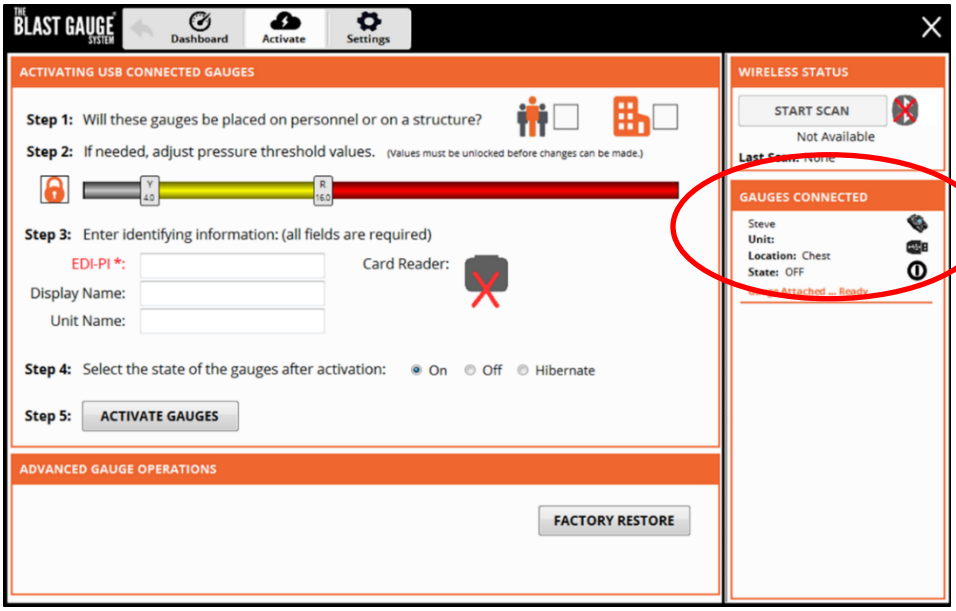
Quick Start Guide

A: Install software from www.BlastGauge.com/software, DVD, or SD card.

B: Open the Blast Gauge Data Retrieval System and select 

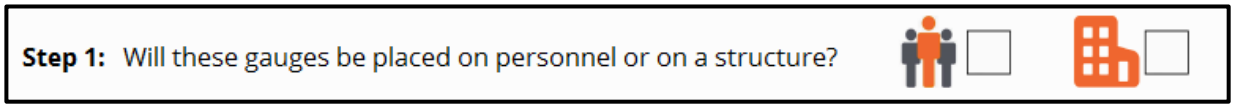
on the top navigation bar.

C: Connect your Blast Gauge(s) to your PC via USB. Connected gauge(s) will appear on the "Gauges Connected" sidebar. Initially, the software will display "Gauge Attached…Scanning" message. Once gauge(s) is (are) ready for set-up, this will be replaced with "Gauge Attached…Ready."

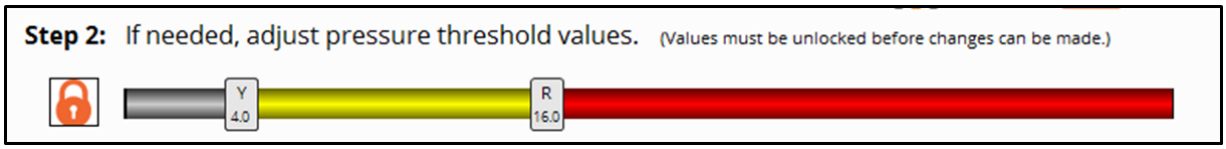


D: Set-up gauge(s).

i. Select a profile based on mounting location. Note: Only select "Personnel" if the gauge will be worn directly on a person.



ii. If needed, unlock and change the pressure threshold values (advanced users only).



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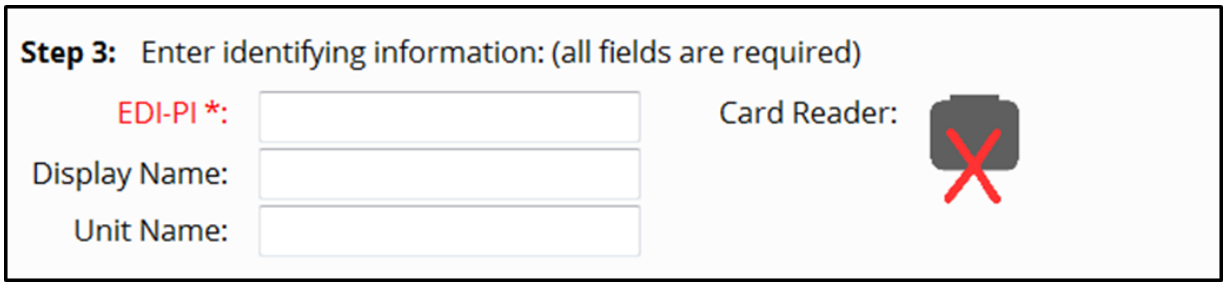
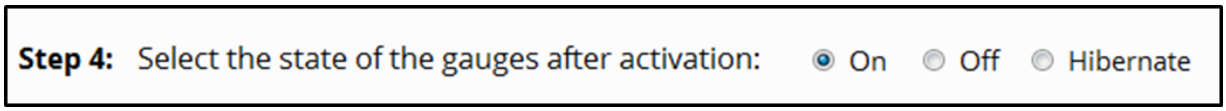
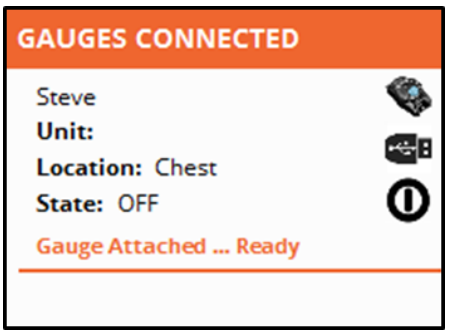
iii. EDI-PI will be auto-filled with the ID number from your CAC Card. If you're not using a CAC Card Reader, manually enter identifying information.



iv. Select the state of gauge(s) after setup. Note: Gauge(s) must be "On" to record events.



v. Select **ACTIVATE DEVICES**. Gauge(s) are ready for use and can be disconnected from PC when software displays "Gauge Attached…Ready."



<u>After an event has been recorded:</u>

When ready to download event data to PC, open software and select 

.

Connect gauge(s) to PC via USB and data will be automatically downloaded by the software.

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Legal

FCC ID: 2AHN8BG710
IC ID: 21433-BG710

FCC § 15B
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes: (1) ce dispositif ne peut pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent causer un mauvais fonctionnement.

FCC § 15.21
Changes or modifications made to this equipment not expressly approved by BlackBox Biometrics Inc. could void the user's authority to operate the equipment.

FCC § 15.105
Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING!
FCC and IC Radiation Exposure Statement:
This portable equipment with its antenna complies with FCC's and IC's RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance, follow the instructions below:
1. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. Avoid direct contact to the antenna, or keep contact to a minimum while using this equipment.

FCC et IC exposition aux radiations:
Cet équipement portable avec son antenne est conforme aux limites d'exposition aux rayonnements RF de la FCC et IC de définies pour un environnement non contrôlé. Pour maintenir la conformité , suivez les instructions ci-dessous:
1. Cet émetteur ne doit pas être situé ou opérant en conjonction avec une autre antenne ou émetteur.
2. Éviter tout contact direct à l'antenne , ou garder le contact à un minimum tout en utilisant cet équipement .

RSP
This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes:
(1) Ce dispositif ne peut causer des interférences; et
(2) Cet appareil doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Safety
Intended use of the equipment: Measure exposure to blast overpressure

Technical specification:

Size each Blast Gauge	44.0 x 22.0 x 36.0 mm
Weight each Blast Gauge	43.7 g
Pressure Measurement Range	0.5-110 psi
Pressure Resolution	± 0.05 psi
3 axis Acceleration	± 200 g
Wireless	Bluetooth® 4.0 LE (BLE)
BLE Range	Under ideal conditions: 2m for BGSM and 10 meters for BGSA
Data Interface PC:	USB (micro B connection)
Data Retrieval System	Custom Graphic User Interface and database accommodates data download, firmware upgrades, and configuration.
Event Storage Capacity	250 events @ 20ms per event
Operating range	-20°C to +60°C
Survivability	400 psi, 400 g

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Battery	non-rechargeable
Water and Dust Resistance	MIL-STD-810G
Corrosion	Resistant

Precautions for Safe Handling:
The Blast Gauge® System has been designed and manufactured for use by qualified personnel for measuring exposures to blast overpressure.

Safety considerations are contained in the Blast Gauge System Safety Data Sheet dated February 10, 2016 included in the package

Storage:
Shelf life is greater than 5 years in cool (15 ºC - 25ºC), dry and ventilated areas, which are subject to little temperature change. Do not place the article near heating equipment, nor expose to direct sunlight for long periods. Elevated temperatures can result in shortened battery life and degrade performance.

Disposal:
This Product contains a lithium battery that is not rechargeable or replaceable. Normally the article has no odor. Under normal conditions of use, the battery, its electrode materials and its hazardous liquid electrolyte are non-reactive provided the battery integrity is maintained. The battery will release a pungent corrosive odor if leaking.

There are no federal regulations for disposal of lithium batteries. Individual states or localities establish their own guidelines for battery disposal, and should be contacted for any disposal guidelines that they may have for a lithium battery housed in the Blast Gauge.