



Ballistic Limit Headform

Headform for ballistic penetration limit assessment of helmets, eye wear, mandibles



Elastomeric headform for ballistic limit assessment

Sacrificial headform that helps evaluate the ballistics limit of combat helmets and attachments in their as-worn condition with standoff.

The elastomeric material captures any penetrating projectiles (e.g., bullets, FSP, RCC) and can be used hundreds of times before replacement.

Similar in shape to the BLSH (size medium).

Can be attached to the BLSH neck and adjustable base to meet obliquity requirements and to provide repeatable measurements.

Specifications

Sensor:	Uniaxial, piezo-electric 22 kN max. each, <30 kHz	Data Conditioning:	30 kHz, 4-pole Butterworth
Sensor Layout:	7 sensors, 2940 mm ²	Software:	Biokinetics' BLSH Software Output: peak, avg. and individual forces, impulse, duration, centre of pressure.
Data Collection:	16 ch at 100 kHz synchronous ±10 V input / 16 bit	Part Number:	Headform: BLSH-003 Force Verification System: BLSHFV-001 Ballistic Limit Headform: BLH-001

Physical and Electrical

Headforms:	ISO type, circumferences: S=535 mm, M=575 mm, L=605 mm, 5 kg each approx.	Electronics Cabinet	W 686 x D 956 x H 473 mm, 40 kg
Support Base:	W 385 x D 405 x H 505 mm without headform, 29 kg	Electrical:	120 VAC @ 60 Hz / 240 VAC @ 50 Hz 800 W min.

Warranty

All components:	1 year limited
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(All specifications are subject to change)