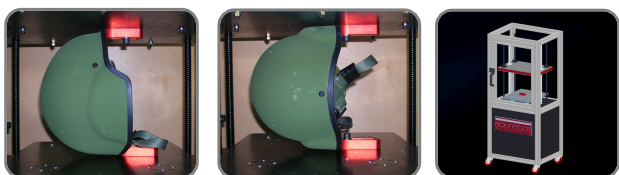
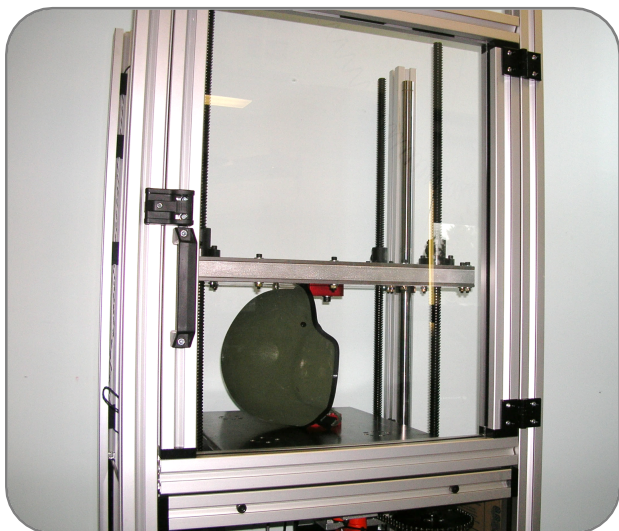


Ballistic Helmet Fatigue Tester

Cyclic compression testing for shell durability and stiffness characterization



- Structural damage assessment of ballistic shells from repeated loading. Programmable cycle rates, deflections, loads and dwell times with custom software.
- Helmet rigidity and shape retention evaluation with force and displacement measurements.
- Complies with many ballistic helmet testing requirements (e.g. ACH, ECH, CM735).
- Hysteresis testing of energy absorbing materials.
- Force-deflection data recording and graphical output.
- Optional fixture for testing helmet retention stirrups.
- Mobile test frame with access door for safety.

Specifications

Force Range:	< 8900 N (2000 lb)	Test Specimen:	W 350 x D 400 x H 400 mm max.
Linear Stroke:	< 650 mm (25.5 in)	Software:	Custom, system setup, data collection, graphical data output, export to Excel®
Loading Rate:	500 mm/min (19.7 in/min)	Computer Requirements:	Windows 11
		Part Number:	HFT-001

Physical and Electrical

Dimensions:	W 700 x D 600 x H 1600 mm	Electrical:	120 VAC @ 60 Hz / 240 VAC @ 50 Hz 200 W max. External.
Weight:	180 kg	Mobility:	Four casters, lockable

Warranty

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