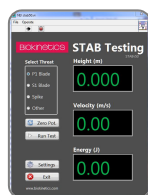


Stab Test Apparatus

Penetration testing of stab-resistant armour to NIJ 0115



- Body armour, plates and shield perforation evaluation with standard and correctional type threats.
- NIJ 0115.00, PSDB 6/99, and HOSDB 39/07/C compliant. Available kits for testing to the CAST and VPAM standards.
- Self-supported structure with open channel guide tube, fibre optic velocity gate, protective shield, computer tray.
- Manual crank system with computer display. Motorized carriage lift system available.
- Enhanced drop missile with magnetic release and blade/spike threat holders for standard and correctional type threats.
- Adjustable pedestal base with 200 mm vertical range and 45° tilt angle. Indexed table for fast targeting.
- Computer and Biokinetics' Stab Testing Software displays drop height, impact speed and energy (target and actual).
- Available add-on functionality to evaluate the slash/cut resistance of test samples to proposed ASTM Slash standard.
- Biokinetics can provide threats, calibrated foam packs and witness paper used in the NIJ and CAST standards.
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Specifications

Impact Energy:	< 70 J	Velocity Gate:	Dual beam fibre optic, ± 0.01 m/s
Drop Height:	< 3.8 m	Software:	Biokinetics Stab Testing Software, installed on laptop (Windows 11)
		Part Number:	STA-002

Physical and Electrical

Dimensions:	W 1200 x D 900 x H 5800 mm	Electrical:	120 VAC @ 60 Hz / 240 VAC @ 50 Hz 200 W max. external, magnet 24 V DC.
Shipping Weight:	370 kg	Floor space for operation:	W 1.33 x D 0.84 m

Warranty

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