SYDOR

TECHNOLOGIES



BIOKINETICS STAB TEST APPARATUS

COMPLEX MEASUREMENTS—CRITICAL RESULTS

FEATURES

- Self-supporting structure with open channel guide tube and protective shield
- Manual crank system or motorized lift system available
- Drop missile with magnetic release and blade/spike threat holders
- Adjustable pedestal base with 200 mm vertical range and 45° tilt angle
- NIJ 0115.00 PSDB 6/99 and HOSDB 39/07/C compliant. Optional kits for testing to the CAST and VPAM standards

APPLICATIONS

- Body Armor Evaluation
- Plate & shield perforation evaluation
- Ballistic Gel Testing

ABOUT THE BIOKINETICS STAB TEST APPARATUS

The Stab Test Apparatus is a self-supporting structure that permits the testing of soft and hard body armor to be evaluated to the stab standards of the National Institute of Justice (NIJ) and the Home Office Scientific Development Branch (HOSDB). This system can test samples up to an energy of 90 J using a wide assortment of threat simulators. The custom designed software will indicate the necessary drop height and will calculate the impact energy upon completion of the test.

PRODUCT SPECIFICATIONS

- Impact Energy: < 70 J
- Drop Height: < 33.8 m (110.9 ft)
- Velocity Gate: Dual beam fibre optic with accuracy of ± 0.01 m/s
- Dimensions & Weight (W x D x H): 1.2 x 0.9 x 5.8 m (3.9 x 3.0 x 19 ft) ~300 kg (661 lbs)
- Electrical: 120 VAC @ 60 Hz / 240 VAC @ 50 Hz, 200 W max, external, magnet 24 V DC
- Floor Space Requirement (W x D): 1.33 x 0.84 (4.36 2.76 ft)

Biokinetics

Sydor Technologies is a proud distributor for Biokinetics

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