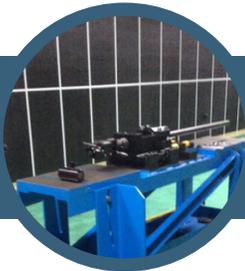
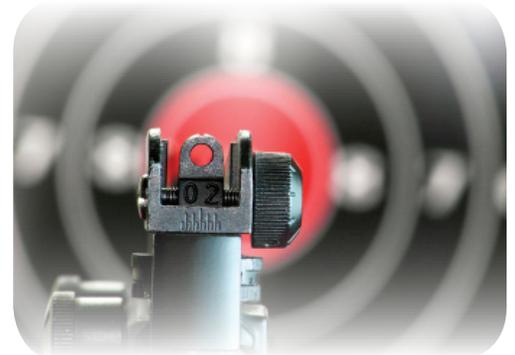


PERSONAL ARMOR TESTING EQUIPMENT

R & D, NIJ 0101.06, NIJ 0106.01, STANAG 2920

Sydor Technologies provides specialist expertise relating to ballistic and impact testing for the defense, security, science, and research industries. Sydor can equip complete ballistic testing ranges or individual components such as test guns or measurement systems. We provide complete instrumentation, hardware, software, and installation services for testing to STANAG and NIJ certified standards.



Test Guns

Test gun kit that allows rounds from .22 to 12.7 x 99mm to be fired from one universal receiver. This system is suitable for many body armor tests, including but not limited to NIJ, AEP, STANAG, and VPAM. The system can be remotely operated and is supplied with a portable range table.

Gas Guns

A single-stage gas gun that is ideally suited for R&D relating to body armor. Sydor's design is for use with barrels from 4mm up to 40mm in size and comes equipped with a firing tunnel and cabinet keeping all debris and fragments contained within one system. The gas gun system configuration, paired with a chamber, is highly recommended for test labs and universities.



Stab Rig

Sydor's Stab Rig is designed for the testing of personal armor and materials to examine resistance to stabbing by knives or spikes.

Ballistic Load Sensing Headform (BLSH)

The BLSH consists of load measuring and penetration headforms used for the evaluation of helmets. This system enables a direct measurement of the dynamic loads the skull is subjected. This is determined by measuring the deformation caused by projectiles impacting the helmet. The forces can be correlated to risk of injury such as skull fracture.



Blunt Trauma Torso (BTT) Rig

The BTT Rig is a superior alternative to clay-backed setups for body armor performance evaluation. The rig is used to determine the risk of potential injury resulting from behind armor blunt trauma.

About Sydor Technologies

Sydor Technologies is a global leader providing complex measurement solutions that generate critical results for the world's most advanced applications in the defense, energy, ballistics, security, space, and research industries. Established in 2004, Sydor Technologies is headquartered in Rochester, NY and now supplies systems and support in over 33 countries. For more information, please visit www.SydorTechnologies.com.

Global Headquarters

78 Schuyler Baldwin Dr.
Fairport, New York 14450, USA
Voice: +1 585.278.1168

United Kingdom Offices

The Old NAAFI, Coldstream Road
Caterham, Surrey, CR3 5QX, UK
Voice: +44 (0) 1883 33 22 00