



The Ballistic Load Sensing Headform (BLSH) is used to evaluate the behind armour blunt trauma caused by a defeated ballistic strike to a helmeted head. Injury risk prediction is based on the comparison of skull loading to human fracture tolerance.

The V50 of a helmet is first established with a penetration headform which offers proper helmet support and standoff as well as jaw and nape features for attachment of the retention system. The units are economical and suitable for multiple perforations before disposal.



Following V50 testing, the BLSH is used to measure skull loads resulting from shell deformation. The headform has an array of seven load sensors located behind the ballistic strike location. Optional headform models are available for front-rear, left right and crown locations.

[Download PDF](#)