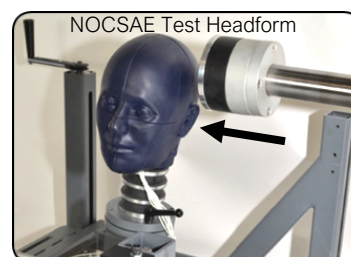
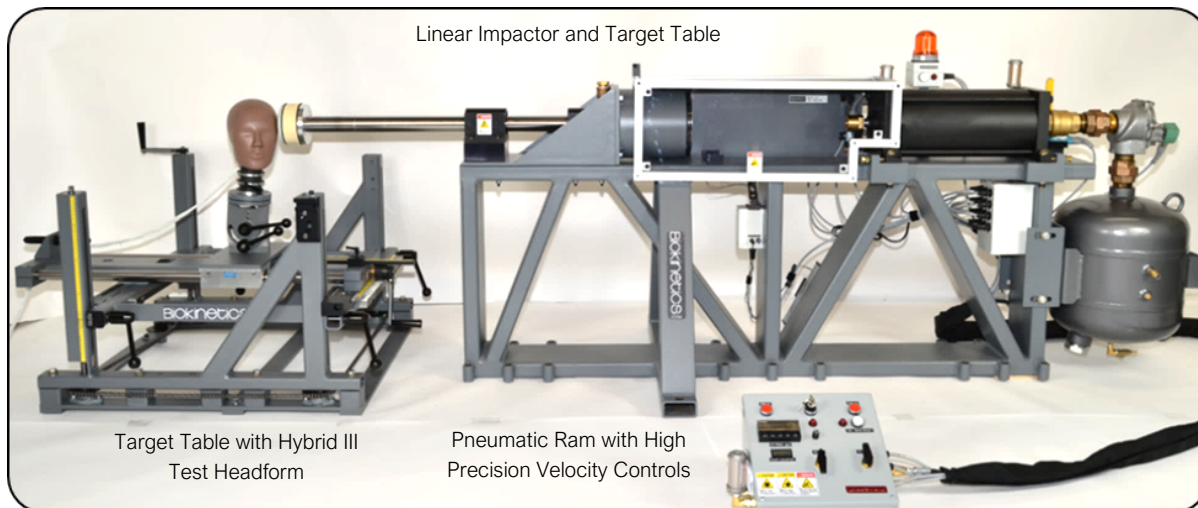


Linear Impactor System

Head and helmet blunt force impact simulator



- Standard equipment for the NFL Linear Impactor and NOCSAE Pneumatic Ram (ND 081) football helmet test protocols.
- Full 6-DOF helmet impact performance assessment with Hybrid III NAP and NOCSAE NAP headforms.
- Robust 5-axis target table (fore-aft, vertical, lateral, neck tilt and twist) on rebound slide rails.
- High-precision velocity control (3-13 m/s \pm 0.1 m/s) with remote control box and high-precision digital pressure gauge.
- Operates with compressed air or bottled gas.
- Integrated pneumatic ram braking chamber to arrest residual energy post-impact.
- Interchangeable ram face and headform mount for other bodily impact research.
- Available turnkey system includes computer, accelerometers, amplifiers and data acquisition.
- Available BioDAQ software facilitates data collection, NAP calculations and head injury assessments.

Specifications

| | |
|---------------------|------------------------------------|
| Impact Energy: | Up to 1200 J |
| Impact Velocity | 3-12 m/s \pm 0.1 m/s |
| Operating Pressure: | 100 psi max. |
| Impactor Mass: | 14 Kg. |
| Pressure Vessel: | 57 liters (15 gal) |
| Velocity Gate: | 2-beam optic 10V TTL |
| Part Number: | Impactor: LI-002 Table: LIT-002 |

Physical and Electrical

| | |
|-----------------------------------|---|
| Linear Impactor and Target Table: | L 3860 x W 940 x H 1075 mm; 570 Kg. |
| Target Table with Headform: | L 1350 x w 915 x H 1220 mm; 115 Kg. |
| Electrical: | 120 VAC @ 60 Hz / 240 VAC @ 50 Hz 800 W max. |

Warranty

| | |
|-----------------|----------------|
| All components: | 1 year limited |
|-----------------|----------------|

(All specifications are subject to change)