

Retention

Static Tensile Load for Retention System

Model : SB033

To test the efficiency of the helmets retention system. Designed and manufactured to meet DOT FMVSS No.218, ACH (Advanced Combat Helmet) and AS/NZS 2512.5.1 standards. Operated by either Cadex Software or Touch screen controller technology.

Features :

- Motorized operation;
- Double linear transducers to measure elongation minus helmet's compression;
- Incorporated load cell to apply constant static load;
- Head form support can be raised or lowered up to 10 inches (25.4cm);
- Powered by 115 VAC/60Hz or 220VAC/50Hz source;
- Can be connected to a computer system in order to measure the real time displacement. Cadex Acquisition software has been developed to monitor this signal system.

Dimensions :

- Depth: 26 inches (67 cm);
- Width: 24 inches (62 cm);
- Height: 78 inches (198 cm);
- Weight 160 kg.



Top transducer



Rear view



Cage protection also available.



Motorized System

