

## Static Tensile Load for Retention System

P/N: 1000\_03\_RMSDT

Designed and manufactured to test the efficiency of the helmets retention system compliance with DOT FMVSS No.218, ACH (Advanced Combat Helmet) and AS/NZS 2512.5.1 standards. Operated by either Cadex software or touchscreen controller.

### **DIMENSIONS (APPROX.):**

- Length: 60.66 cm / 23.88 in
- Width: 67.31 cm / 26.5 in
- Height: 167.64 cm / 66 in  
(minimum height - without headform)

### **FEATURES:**

- Motorized system
- Double linear transducers to measure elongation minus helmet's compression
- Incorporated load cell to apply constant static load
- Adjustable headform support can be raised or lowered up to 10 inches (25.4 cm)
- Powered by 115VAC/60Hz or 220VAC/50Hz source
- Can be connected to a computer system in order to measure the real time displacement with the Cadex software

*\*Headform not included and sold separately*



Motorized system



Top transducer