

## Retention system effectiveness (Roll-off)

### **Description:**

A full headform is supported on a tubular framework and may be adjusted to the appropriate orientation specified in the applicable helmet standard.

The helmet is mounted on the headform and a hook and flexible cable is attached to the rim of the helmet.

The cable is connected to a guide rod carrying the drop mass. The guide rod also acts as the preload mass.

A release mechanism allows the drop mass to fall, imparting a sudden force to the helmet.

A set of headforms, appropriate to the relevant helmet standard, is supplied. Please specify standard(s) when ordering.

Dual EN & ASTM equipment shown.



### **Services required:**

Floor mounted

### **Approximate packed size & weight:**

270 x 160 x 110 cm: 70 kg

### **Relevant standards:**

EN 13087-4  
ASTM F1146  
CPSC 16 CFR Part 1203 1998