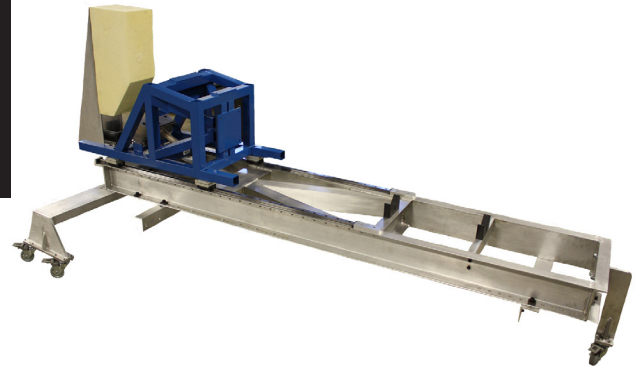


BioRID-II Mini Sled System

TRA-101



The Humanetics BioRID-II Mini Sled System is a complete fixture for certifying the Biofidelic Rear Impact Dummy (BioRID-II). The certification test is performed with the upper torso and head (w/o lower torso and arms) attached to a sliding sled fixture that is impacted from the rear for spine flexion and extension.

Description

The Humanetics BioRID mini sled system uses a steel constructed sled coupled to a bearing block and "V" rail guide system. The guide system keeps the sled from jumping up and moving sideways during impact. This increases the repeatability of the results and reduces test to test variation. The torso and head assembly of the BioRID-II ATD are mounted to the sled and impacted from the rear on the Thorax Impact Test Stand.

Standard Equipment

- Rail guide sled/table system
- Mini sled
- Reusable foam energy transfer device
- Foam dummy stop
- Probe face assembly
- Pot A-B rod & housing assembly
- Pot C-D rod, coupler, & housing assembly with potentiometer
- Sled weight package
- Sled/track retaining chain

Optional Equipment

- Jacket Test Adapters
- Pelvis Test Adapters

Dimensions	Fixture	Work Area
Length	10' 3"	23.0 ft
Width	4' 8"	9.0 ft
Height	4' 6"	-

