

EuroSID Thorax Certification Test Stand (Rib Only) TF-1500-0600

The Humanetics EuroSID Thorax Certification Test Stand is a complete fixture for the calibration and testing of the rib modules for the EuroSID-2 and EuroSID-2re dummies. The fixture is designed to test EuroSID rib modules at the velocities specified for certification.

Description

The tower is constructed of structural steel tubing with a maximum height of 10.0 ft. Tests are performed by raising the free fall impactor to a specified height. Using an electromagnetic release system, the impactor is released and guided down by two cables.

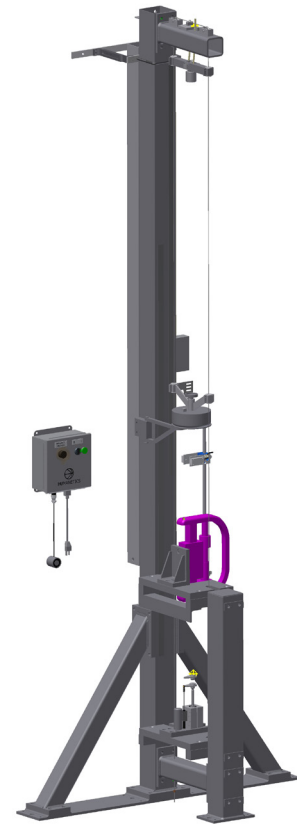
Once the probe impacts the rib module, a linear potentiometer mounted within the module measures peak deflection.

A 7.78 kg impactor is used for rib module and rib alone testing.

The rib linear potentiometer is required for the test but is not included.

Standard Equipment

- Welded tower structure
- Impactor, 7.78 kg
- Infrared velocity measurement system
- Electromagnetic release
- Rib Module mount plate
- Rope Hoist



Dimensions	Fixture	Work Area
Length	2' 1"	5.0 ft
Width	4.0 ft	5.0 ft
Height	10.0 ft	-