

# FOCUS Headform

(Humanetics-575-1000)

**Facial and Ocular Countermeasures for Safety Headform.**

**In order to provide a suitable test platform for eye and facial injury mitigation devices, Humanetics**



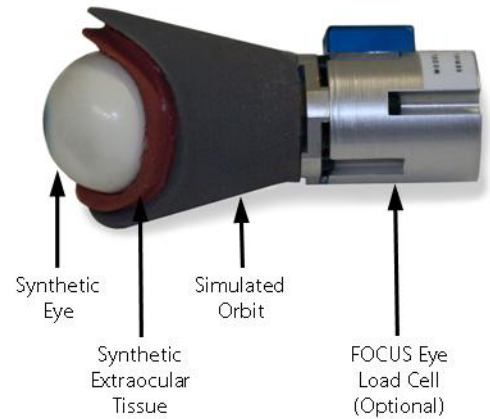
**collaborated with the Virginia Tech - Wake Forest Center for Injury Biomechanics and the U.S. Army Aeromedical Research Laboratory to develop a physical headform capable of measuring facial and eye impact loads. The headform will be used to test and evaluate various protective devices and other equipment under impact events.**

## Design

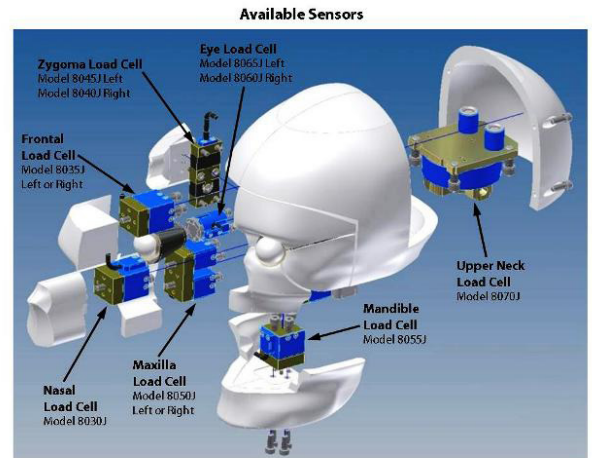
The FOCUS headform was designed as a modular system with the ability to select the instrumentation applicable for a variety of test scenarios. The headform features 8 discrete facial bones, 2 synthetic eye modules, and up to 11 available load cells, and is compatible with the standard Hybrid-III neck.

## Synthetic eye Modules

The FOCUS headform features two modular synthetic eyes for the prediction of eye injury from non-penetrating impacts. PMHS eyes can be mounted for the prediction of eye injury from penetrating impacts.



## Instrumentation



Not shown:  
Model 575-1011-ASSY tri-axial accelerometer mount assembly (included with headform)  
Model 9155 accelerometer / angular rate sensor mount assembly (optional)

**For more information, please contact your local representatives or visit [www.humaneticsatd.com](http://www.humaneticsatd.com).**