

H-Point Manikin, TE-HPM

The H-Point-Manikin (HPM) is an essential tool for the correct measurements and dummy positioning for many test applications. Naturally, this device needs to be built and calibrated to the tightest tolerances possible. The Humanetics brand HPM fulfills the SAE J826 (11-2008) as well as the recommended VDA 304 (01-2010) requirements. In combination with the Measuring Head (TE-MK) model, customers get the most accurate solution available.

Specifications

Component Description	Weight (gram)
HPM including force gauge indicator with head room probe	19700
HPM including force gauge indicator without head room probe	17400
Leg, Right, adjustable for 5th, 50th, & 95th % length	4400
Leg, Left, adjustable for 5th, 50th, & 95th % length	4400
Torso (10 off), Weight Disk	3920
Upper Leg (2 off)	3420
Lower Leg (2 off)	1230
Total with Head room probe	77000
Total without Head room probe	74700



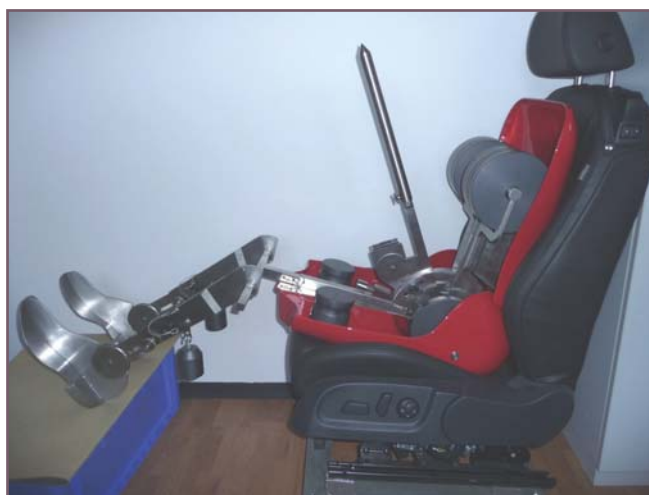
Scope of Package

Component Description	Quantity
HPM including force gauge indicator	1
Head room probe (plug-in version)	1
Leg, Right, adjustable for 5th, 50th, & 95th % length	1
Leg, Left, adjustable for 5th, 50th, & 95th % length	1
Torso, Weight Disk	10
Upper Leg	2
Lower Leg	2
Cloth	1
HPM Transport Box	1
Weight Transport Box	1



HUMANETICS®

Innovative Solutions



TE-HPM in car seat, complete assembly

Calibration Procedure and Interval

Prior to the actual calibration of the device, an inspection including documentation (measurements & pictures) is carried out. Depending on the outcome of the inspection possible modifications or corrections can be done as needed. During the time for calibration, customers can get a rental device if needed. The calibration interval for the HPM is done on an annual basis.



TE-HPM Calibration Rig

HUMANETICS																					
Model:	TE-HPM																				
Serial Number:	123456789																				
Calibration Date:	2011-01-01																				
Calibration Interval:	12 Months																				
Calibration Status:	Pass																				
Calibration Location:	Humanetics Lab																				
Calibration Technician:	John Doe																				
Calibration Equipment:	TE-HPM Calibration Rig																				
Calibration Results:	<table border="1"> <thead> <tr> <th>Parameter</th> <th>Value</th> <th>Unit</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>HRMD</td> <td>100.0</td> <td>mm</td> <td>Pass</td> </tr> <tr> <td>T-Bar</td> <td>100.0</td> <td>mm</td> <td>Pass</td> </tr> <tr> <td>Weight</td> <td>100.0</td> <td>kg</td> <td>Pass</td> </tr> <tr> <td>...</td> <td>...</td> <td>...</td> <td>...</td> </tr> </tbody> </table>	Parameter	Value	Unit	Status	HRMD	100.0	mm	Pass	T-Bar	100.0	mm	Pass	Weight	100.0	kg	Pass
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T-Bar	100.0	mm	Pass																		
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TE-HPM Calibration Certificate

Optional Items

- TE-MK, Measurement Head (HRMD)
- TE-TBW, T-Bar Wide Version
- TE-HPM-BOX, Transport Box for HPM
- TE-HPMW-BOX, Weight Transport Box