









Channels	Test Equipment Part Number	Test Equipment Description	Qty Req'd	CRABI 6	CRABI 12	CRABI 18	P-9/MO	P1.5	P3	P6	P10	H3-3YO	H3-6YO	H3-10YO	H3-5th	H3-50th	H3-50th PED	H3-95th	S/D 1s	ES2	ES2 RE	FAA	H2-50TH	Q0	Q1	Q1.5	Q3	Q3s	Q6	Q10	BIORD II	W51D 50th	W51D 5th	FVH	D.F. & D.G.	THOR M 50	THOR 5th	MIL-LX				
1	79051-29-DN-XX	Linear potentiometer - Knee Slider	1																																							
1	880105-516-H-XX	Linear potentiometer - Knee Slider - 5th Female	1																																							
1	150-0121V-DN-XX	POTENTIOMETER, STRING, MINI, UNIVERSAL	2																																							
TORSO FLEXION FIXTURE																																										
	TMA-001	Automated Torso Flexion Test Stand Assembly. Fixture Dimensions - 4'8" x 2'10" x 5'2"	1																																							
OPTIONS NOT INCLUDED WITH TMA-001																																										
3	6006-15-XX	TORSO FLEXION Control DAS OUT Cable	1																																							
	TF-210-2000	H3-3YO TORSO FLEXION BRACKET KIT	1																																							
	TF-127-2000	H3-6YO TORSO FLEXION BRACKET KIT	1																																							
	TF-420-2000	H3-10YO TORSO FLEXION BRACKET KIT	1																																							
	TF-880105-2000	H3-5th TORSO FLEXION BRACKET KIT	1																																							
	TF-880995-2000	H3-95th TORSO FLEXION BRACKET KIT	1																																							
FOOT COMPRESSION TEST FIXTURE																																										
1	320-0000-XX 320-0000-E-XX	Foot Compression Test Fixture (110V/220V) Includes: Load cell, Linear Actuator and controller Two Channels are required to record the certification data Fixture Dimensions: 14" x 2'1" x 5'	1																																							
320-0000 includes the following components:																																										
	6000363	Load Cell																																								
	320-1000	Ankle Shell Assembly for the H3-50th																																								
	320-0009	Ankle Adapter for the H3-50th																																								
	320-0011	Leveling Top Plate																																								
	320-0012	Leveling Attachment Screws																																								
OPTIONS NOT INCLUDED WITH 320-0000																																										
	320-3000	Ankle Shell Assembly for H3-5th	1																																							
HIP RANGE OF MOTION																																										
	V00039-110 V00039-220	Hip Calibration Test Fixture (110V/220V) Includes: actuator, controls, torque sensor, and mounting hardware for H3-50th. Fixture dimensions: 4'10" x 3'2" x 6'6"	1																																							
V00039 includes the following components:																																										
	HF-300	LC, Reaction Torque Sensor																																								
	V00047	H3-50th Attachments																																								
OPTIONS NOT INCLUDED WITH V00039																																										
3	6002-XX	Interface Cable for DAS	1																																							
	V00045	H3-5F Attachments	1																																							
FOOT IMPACT TEST FIXTURE																																										
1	TF-1603-0000-LXX	Foot Impact Test Fixture Includes structural framework for supporting test pendulums for various foot and ankle impact tests. (Eurofoot, Ball of Foot, Heel of Foot, Inversion, Eversion) Fixture Dimensions: 4'2" x 3' x 11'1"	1																																							
TF-1603-0000 includes the following components:																																										
TF-200-2217 VELOCITY PICK-UP ASSEMBLY																																										
	TF-1603-0000-KIT	Upgrade Existing DN Fixture UPGRADE KIT, FOOT IMPACT TEST FIXTURE	1																																							
	TF-1602-0330	Required for TF-1603- 0000-KIT FOOT REST ASSEMBLY (Note-Rev C now includes Short Version (Ball of Foot) and Long Version - Heel of Foot)	1																																							
OPTIONS NOT INCLUDED But Are Required for FOOT IMPACT Test Fixture																																										
	TF-490-1003F-110	POWER PULL, FOOT IMPACT, 110V AC	1																																							
OR	TF-490-1003F-220V-CE	POWER PULL, FOOT IMPACT, 220V AC - CE	1																																							
	6004457	HEIGHT GAUGE, ELECTRONIC, 0-12"	1																																							
OPTIONS FOR FOOT IMPACT FIXTURE																																										
	TF-1602-0600	EUROFOOT TEST KIT, H3 50TH	1																																							
	TF-1603-0650	Kit, Thor-LX, Foot Impact Includes Pendulum Impactor Assembly, leg mounting fixture and required zero degree bracket, inversion/eversion bracket, & dorsiflexion bracket.	1																																							
	TH-1603-0655	Kit, Thor-FLX, Foot Impact Includes Leg mounting fixture, zeroing brackets, Inversion/Eversion bracket, Achilles adjustment kit	1																																							
	TF-1602-0310	Included in TF-1603-0650 PENDULUM ASSY, THOR LX / FLX	1																																							
	TF-1602-0117	THOR 50 KNEE MOUNTING POST - LONG	1																																							
	TF-1602-0118	THOR 50 KNEE MOUNTING POST - SHORT	1																																							
	TE-5000-227	THOR 50 KNEE MOUNTING POST Used on FT fixture (TE-5000-000)	1																																							
1	TF-1605-0100-LXX	LX ACHILLES FIXTURE (LCR-50-LXX)	1																																							
5	10391J14-30-LXX	LC, 5X LOWER TIBIA, THOR-LX LEG, METRIC	1																																							
LUMBAR FLEXION FIXTURE																																										
	TF-600	Lumbar Flexion Test Stand, Complete certifies the response of the H2-50th Male lumbar spine to a continuously applied forward force. Fixture Dimensions: 2' x 2' x 2'	1																																							
TF-600 includes the following components:																																										
		Fixture Frame																																								
		Push Scale																																								
		Inclinometer																																								



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	TE-7109	Data Reduction Software for SIDiIs Includes: Head, Neck, Shoulder, Thorax, Abdomen and Pelvis	1																•																														
	TE-7115	Data Reduction Software for H2-50th Male Includes: Head, Neck, Thorax, Knee and Lumbar	1																				•																										
	TE-7116	Data Reduction Software for CRABI 6, 12, 18 MO Includes: Head, Neck, Thorax and Torso Flexion	1	•	•	•																																											
	TE-7118	Data Reduction Software for H3-10YO Includes: Head, Neck, Thorax, Knee & Torso	1											•																																			
	TE-7119	Data Reduction Software for ES2 Includes: Head, Neck, Shoulder, Abdomen, Pelvis & Rib	1																	•	•																												
	TE-7122	Data Reduction Software for WORLDSID 5th or 50th Includes: Head, Neck, Thorax, Abdomen & Pelvis	1																																														
	TE-7124	Data Reduction Software for Q Dummy Series (Not Including Q3s or Q10) Includes: Head, Neck, Thorax, Abdomen & Pelvis	1																						•	•	•	•																					
	TE-7132	Data Reduction Software for Q10 Dummy Includes: Head, Neck, Thorax, Shoulder, Lumbar, Abdomen Compression, & Pelvis	1																																														
	TE-712X-Q3s	Data Reduction Software for Q3S Dummy <b>Not Available Yet</b> Includes: Head, Neck, Shoulder, Thorax, Lumbar & Pelvis	1																																														
	TE-7125-DN	Software Module - HIP RANGE OF MOTION	1																																														
	TE-7126	Data Reduction Software for BioRID Dummy With Headrest, Dummy Without Head Rest, Head Impact Pad, Jacket, Pelvis Bottom, Sled and Track With Headrest, Sled and Track Without Headrest	1																																														
	TE-7133	Data Reduction Software for Pedestrian Headforms - D.F. & D.G	1																																														
	TE-7131	SOFTWARE MODULE -LOW SPEED IMPACT-H3-5TH	1												•																																		
	TE-7134	Data Reduction Software for THOR Includes: Face, Head, Neck, Thorax, Abdomen, Knee, Leg, Ankle, Foot	1																																														
	TE-7137	Data Reduction Software for THOR 5th (NHTSA Qualification) Includes: Face, Head, Neck, Thorax, Abdomen, Knee, Leg, Ankle, Foot	1																																														
	TE-7136	Data Reduction Software for MIL-LX LEG ISO MME IMPORTER	1																																														
	TE-7135	The ISO MME importer allows importing ISOMME test data into ATD Management. This is required when the data is collected with different software (Crash Designer, Datapro, ...) The other software exports the test data into ISOMME format. Since ATD Management doesn't understand that format, we need the importer to convert it into a format that ATD Management can use. Crash Designer and Datapro don't process the data. They only collect it. We need to transfer it into ATD Management to process the data and generate certification reports.	1																																														
	Training																																																
	TRAINING-CS	Installation and training by Humanetics Engineers, includes expenses This will include the following: • Setup of each of the above Test Fixtures • Verification of the operation of each Test Fixture • Demonstration and training on the use of each Test Fixture with one appropriate dummy type • Assembly/disassembly of dummies and sensor integration • Training on the operation and use of the ATD Management Software	1																																														