

Test Equipment for H3-5th Dummy

Test Equipment Part Number	Test Equipment Description	Qty Required
HEAD DROP TEST EQUIPMENT		
TF-100-0000	Head Drop Test Fixture Includes support stand, Nickel plated steel base plate, adjustable aluminum upper frame, and magnetic release <i>Fixture Dimensions: 25 in. L x 29 in. W x 70 in. H</i>	1
OPTIONS NOT INCLUDED WITH TF-100-0000		
IE-116T-30-XX	Accelerometer, Uniaxial 7264C-2KT-360, Required - NOT Included	3
OPTION #2: Dummy Kits / Accessories		
TF-100-1023	HIII-5F & H-III-10C Head Adaptation Kit	1
6468	4-Channel Junction Box (specify cable length type)	1
OPTION #3: Junction Box		
6468-XXX	Head Drop 4 Channel Junction box	1
NECK PENDULUM TEST EQUIPMENT		
TF-200-0000	Neck Pendulum Test Fixture Includes frame, pendulum, velocity pick up sensor & related tools. <i>Fixture dimensions: 96 in. L x 28 in. W x 150 in. H</i>	1
OPTION #1A: Hoist Package (Manual)		
TF-270	Rope Hoist Assembly w/ Mechanical Snap Release	1
OPTION #1B: Hoist Package (110V)		
TF-490-1001-110	Power Pull Assembly w/ Quick Release - 110 VAC	1
TF-490-1003-110	Power Pull Assembly w/ Digital Angle Display - 110 VAC	1
OPTION #1C: Hoist Package (220V)		
TF-490-1001-220	Power Pull Assembly w/ Quick Release - 220 VAC	1
TF-490-1003-220	Power Pull Assembly w/ Digital Angle Display - 220 VAC	1
OPTION #2: Potentiometer Units		
TF-200-2115-XX	2 Potentiometer Assembly - H3 Family (except H3-3YO Child & CRABI-12M)	1
OPTION #3: Dummy Kits / Accessories		
TF-200-2130	H3-5F Neck Adaptor Kit (Includes bib simulator)	1
Kits for the Model 6790, Potentiometer Calibration Fixture		

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6811	Wrist Potentiometer Kit (H3-5F & SID-IIS Instr. Arm)	1
OPTION #4: Load Cells		
1716AJTF-XX	LX, 6X Upper Neck for H3-6C, H3-10C, H-III5F, H-III50M & 95LM	1
OPTION #5: Accelerometer		
IE-101-33LXX	Accelerometer, Uniaxial 7231C-750 required on pendulum for all tests, but not included	1
OPTION #6: Hexcell		
78051-HEX1	6" Hexcel (1 - 4' x 8' sheet) (Includes crate)	1
78051-HEX2	6" Hexcel (2 - 4' x 8' sheets) (Includes crate)	1
78051-HEX3	6" Hexcel (3 - 4' x 8' sheets) (Includes crate)	1
* 78051-HEX1&1	Hexcel - 1 sheet of 6" and 1 sheet of 3" w/ crate	1
* 78051-HEX2&1	Hexcel - 2 sheets of 6" and 1 sheet of 3" w/ crate	1
OPTION #7: Junction Box		
6469	9-Channel Junction Box	1
OPTION #8: Misc.		
5497	Seika Inclinator (7812) Angle Sensor Kit *Note Requires 7352 KIT	1
CHEST IMPACT TEST EQUIPMENT		
TF-300-0000-110 TF-300-0000-220	Thorax Test Fixture Includes structural framework for supporting test probe, hydraulic lift table (with stainless steel surface) for positioning dummy, velocity pick-up, and potentiometer calibration unit. Fixture dimensions: 218 in. L x 74 in. W x 180 in. H	1
OPTION #1A: Hoist Package (Manual)		
TF-370	Rope Hoist Assembly w/ Mechanical Snap Release	1
OPTION #1B: Hoist Package (110V)		
TF-490-1001-110	Power Pull Assembly (110 VAC)	1
TF-490-1004-110	Power Pull Assembly w/ Height Read-Out (110 VAC)	1
TF-490-1010-110	Power Pull Thorax Height Read-Out Kit Only	1
OPTION #1C: Hoist Package (220V)		

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TF-490-1001-220	Power Pull Assembly (220 VAC)	1
TF-490-1004-220	Power Pull Assembly w/ Height Read-Out (220 VAC)	1
TF-490-1010-220	Power Pull Thorax Height Read-Out Kit Only	1
OPTION #2: Probe Kits		
TF-300-0123	H3-5F Female Probe Kit <i>Includes Arm Support and Chest Depth Gage</i>	1
Optional: Probe Storage Racks		
TF-300-1006	Probe Storage Rack, Large Probes	1
OPTION #3: Probe Cable Packages		
TF-300-0110	H3-50M, 95LM, 5F, 10C, SID & SID/H3 Cable Package <i>Includes Step-up Pointer</i>	1
OPTION #4: Accelerometer		
IE-101-33LXX	Accelerometer, Uniaxial 7231C-750 required but not included	1
OPTION #5: Potentiometer Calibration Fixture (to be used with Model 5245 Pot Calibration Fixture)		
5525	Linear Knee Potentiometer Adapter	1
5528	Linear Knee Stringpot Adapter	1
OPTION #6: Misc. Accessories		
TE-2504	H-Point Locator, H3-5th Assists in the positioning of the dummy for external dimensions Uses lumbar adapter square hole to locate H-Point	1
78051-532	Pelvic Angle Gage Assists in the measurement of the H3 pelvic angle by offering an accessible surface to mount an inclinometer. Used for Thorax Impact Test	1
OPTION #7: Junction Box		
6470	12-Channel Junction Box	1
KNEE IMPACT TEST EQUIPMENT		
TF-400-0000	Knee Impact Test Fixture Includes structural framework for simultaneously supporting test probes for knee impact and knee shear tests. <i>Fixture dimensions: 87 in. L x 47 in. W x 123 in. H</i>	1
OPTION #1: Potentiometer Calibration Fixture (to be used with Model 5245 Pot Calibration Fixture)		
5525	Linear Knee Potentiometer Adapter	1

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5528	Linear Knee Stringpot Adapter	1
OPTION #2: Load Distribution Bracket		
TF-404-1000	H3-5F Load Distribution Bracket	1
OPTION #3: Probe Packages		
TF-323SF-1	H3-5F Knee Probe Kit	1
TF-324SF-1	H3-5F Slider Probe Kit	1
TF-300-1000	Probe Storage Rack, Knee Probes	1
TF-1600-33	Tibia Impact Test Probe & Kit (ECE R94)	1
OPTION #4: Accelerometers		
IE-101T-30-XX	Accelerometer, Uniaxial 7231C-750, T Option, 30' Cable - Required but not included	1
OPTION #5: Load Cells		
2121AJTF-XX	LC, Uniaxial Femur, H3-50th	1
2090JTF-XX	LC, Uniaxial Femur, H3-6YO	1
OPTION #6: Junction Box		
6471	6-Channel Junction Box	1
79051-29-XX	Linear potentiometer - Knee Slider	1
IH-150-1-XX	Potentiometer, String Space Age Control #150-0121VI	1
IH-150-2-XX	Potentiometer, String Space Age Control 150-0121VR	1
TORSO FLEXION FIXTURE		
TMA-001	Automated Torso Flexion Test Stand Assembly	1
OPTIONS NOT INCLUDED WITH TMA-001		
6006-XX	TORSO/FOOT Compression Control DAS OUT Cable	1
FOOT COMPRESSION TEST FIXTURE		
320-0000 320-000-E	Foot Compression Test Fixture (110V/220V) Includes: Load cell, Linear Actuator and controller Two Channels are required to record the certification data Fixture Dimensions: 16 in. W x 26 in. L x 54 in. H (with Stand)	1
OPTIONS NOT INCLUDED WITH 320-0000		

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TE-2000-64	Junction Box, 4 Signal Lines for Head Drop Fixture	1
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: 42 in. L x 28 in. W x 62 in. H	1
OPTIONS NOT INCLUDED WITH V00039		
6002	Interface Cable w/ KT DAS	1
TBD	Interface Cable w/ DTS DAS	1
V00042	Safety Guard	1
V00045	H3-5F Attachments	1
EUROFOOT TEST FIXTURE		
IE-116T-30-XX	Accelerometer, Uniaxial 7264C-2KT-360, Required - Not Included	1
TEST EQUIPMENT ACCESSORIES		
TF-1300	External Measurement Stand for measuring and recording external dimensions of H2, SIDIIIs, H3 and BioSID dummy types. Includes belts to secure dummy spacers. Fixture dimensions: 18 in L x 24 in. W x 60 in. H	1
912-0000	Dummy Storage Chair - H3 Adult Dummies	1
O.L	Dummy Storage Cart for Euro-1, 2, & H3 Adult Dummies	1
TE-215	Honeycomb Pre-Cut 4" x 8" Block 6" Thick - Neck Pendulum	20
TE-255	Honeycomb 4' x 8' Sheet 6" Thick - Neck Pendulum	1
SOFTWARE		
TE-7100-PKG	Data Reduction Windows Software Package Includes Controlling Software & Dummy Modules	1
TE-7100	Windows Controlling Software	1
TE-7103	Data Reduction Software for H3-5th Includes: Head, Neck, Thorax, Knee Impact, Knee Shear, Torso Flexion, Pelvis, Range of Motion and Foot Compression	1
TE-7125	Software Module - HROM R2	1

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Test Equipment Part Number	Test Equipment Description	Qty Required
TE-7128	Data Reduction Software for Mama2B Includes: Abdomen Impact, Abdomen Impact Lower, Thorax Front Impact	1