

Test Equipment for H3-50th 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-100-1022	HIII-50M & 95LM 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-200-2111	H3-50M & H3-95LM Neck Adaptor Kit (including bib simulator)	1
TF-200-2125	H2-50M Neck Mounting Plate	1

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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)		
TF-490-1001-220	Power Pull Assembly (220 VAC)	1

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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-300-0124	H3-50M & 95LM 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-2505	H-Point Locator, H3-50th 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
5528	Linear Knee Stringpot Adapter	1

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OPTION #2: Load Distribution Bracket		
V00293	H3-50M Load Distribution Bracket	1
OPTION #3: Probe Packages		
TF-323-1	H3-50M & 95LM Knee Probe Kit	1
TF-324-1	H3-50M & 95LM 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
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
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		
TE-2000-64	Junction Box, 4 Signal Lines for Head Drop Fixture	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

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	LC, Reaction Torque Sensor H3-50th Attachments	
OPTIONS NOT INCLUDED WITH V00039		
6002	Interface Cable w/ KT DAS	1
TBD	Interface Cable w/ DTS DAS	1
V00042	Safety Guard	1
V00047	H3-50th Attachments	1
EUROFOOT TEST FIXTURE		
TE-5000 TE-5000-E	Eurofoot Test Fixture (110V/220V) Test Fixture is designed to meet EC Directive 96/79 (certification procedure for dummy upper and lower foot impact). The test measure the response of the H3-50th foot and ankle to well define hard pendulum impacts. The test will use components from the knee to the foot attached, using the load cell simulator which is used in the knee impact test. Note: Requires H3-50th Instrumented Lower Leg for Testing. Fixture dimensions: 72 in. L x 36 in. W x 72 in. H	1
IE-116T-30-XX	Accelerometer, Uniaxial 7264C-2KT-360, Required - Not Included	1
OPTIONS NOT INCLUDED WITH TE-5000		
TE-2000-64	Junction Box, 4 Signal Lines for Head Drop Fix / Eurofoot Fix	1
TEST EQUIPMENT ACCESSORIES		
TF-1300	External Measurement Stand for measuring and recording external dimensions of H2, SIDIIs, 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

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TE-7104	Data Reduction Software for H3-50th Male Includes: Head, Neck, Thorax, Knee Impact, Knee Shear, Pelvis, Range of Motion and Foot Compression	1
TE-7108	Data Reduction Software for Eurofoot Test Fixture	1
TE-7125	Software Module - HROM R2	1