

Test Equipment for SIDIs 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 Fixture Dimensions: 25 in. L x 29 in. W x 70 in. H	1
OPTIONS NOT INCLUDED WITH TF-100-0000		
IE-116T-30-XX	Accelerometer, Uniaxial 7264C-2KT-360, Required - NOT Included	3
OPTION #1: Height Gage		
TF-3000	Height Gage, EuroSID, SID/H3 & BioSID	1
OPTION #2: Dummy Kits / Accessories		
V00015	SID-IIs, SID/H3 & BioSID Head Suspension Cable	1
6468	4-Channel Junction Box (specify cable length type)	1
TE-106	Head Positioning Gage the BioSID, ES1, ES2, SIDIs Gage for Drop Height And Angle Adjustment Of Lateral Head Drop	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. Fixture dimensions: 96 in. L x 28 in. W x 150 in. H	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 #3: Dummy Kits / Accessories		
TF-200-2196-XX	ES-1 & ES2 Head Form Assembly (Including 3-pot assembly)	1

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180-9000-XX	SID-IIs Headform (Includes 3 pots)	1
Kits for the Model 6790, Potentiometer Calibration Fixture		
6811	Wrist Potentiometer Kit (H3-5F & SID-IIS Instr. Arm)	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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Test Equipment Part Number	Test Equipment Description	Qty Required
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
Optional: Probe Storage Racks		
TF-300-1006	Probe Storage Rack, Large Probes	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)		
5534	SIDIIs Linear Potentiometer Adapter	1
5534	ES-2 & SID-IIs Linear Potentiometer Adapter	1
OPTION #6: Misc. Accessories		
W50-82200	Bench - Pendulum Verification for SIDIIs FRG & SBL D, WSID, Q's Aluminum Frame Teflon Surfaces	1
IF-520-XX	LC, Uniaxial Acetabulum, SIDIIs SBL C/D	2
TE-2515	H-Point Locator, SIDIIs	1
TF-450-3100	IMPACT TEST SETUP TOOL, SID-IIS TE	1
H.C	Teflon Sheets, set of two for ES2:	2
OPTION #7: Junction Box		
6470	12-Channel Junction Box	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, 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
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		

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Test Equipment Part Number	Test Equipment Description	Qty Required
<u>TE-7100-PKG</u>	Data Reduction Windows Software Package Includes Controlling Software & Dummy Modules	1
<u>TE-7100</u>	Windows Controlling Software	1
<u>TE-7109</u>	Data Reduction Software for SIDIIs Includes: Head, Neck, Shoulder, Thorax, Abdomen and Pelvis	1