

APV-T Dummies Sensors List

ES2 Dummy

Location	Type	No. Of Channels	Channels
Head	Accel	3	Ax, Ay, Az
Upper Neck	Load Cell	6	Fx, Fy, Fz Mx, My, Mz
Shoulder	Load Cell	3	Fx, Fy, Fz
Upper Spine (T1)	Accel	3	Ax, Ay, Az
Ribs (Top, Mid, Lower)	Accel Displacement Transducer	6	Ay Dy
Lower Spine (T12)	Accel	3	Ax, Ay, Az
Lower Spine (T12)	Load Cell	4	Fx, Fy Mx, My
Abdominal (Front, Mid, Rear)	Load Cell	3	Fy
Backplate	Load Cell	4	Fx, Fy My, Mz
Lumbar	Load Cell	3	Fy, Fz Mx
Pelvis	Accel	3	Ax, Ay, Az
Pubic	Load Cell	1	Fy
Femur (Left and Right)	Load Cell	12	Fx, Fy, Fz Mx, My, Mz

H3 50th% dummy

Location	Type	No. Of Channels	Channels
Head	Accel	3	Ax, Ay, Az
Upper Neck	Load Cell	6	Fx, Fy, Fz Mx, My, Mz
Chest Displacement	Displacement Transducer	1	Dx
Thorax Acceleration	Accel	2	Ax, Ay, Az
Pelvis	Accel	3	Ax, Ay, Az
Femur (Left and Right)	Load Cell	2	Fy
3 axis Lumbar Load Cell	Load Cell	3	Fx, Fz My
6 axis Lumbar Load Cell	Load Cell	6	Fx, Fy, Fz Mx, My, Mz

H3 50th% dummy Instrumented Legs

Location	Type	No. Of Channels	Channels
Upper Tibia	Load Cell	4	Fx, Fz Mx, My
Lower Tibia	Load Cell	4	Fx, Fz Mx, My
Knee Displacement	Displacement Transducer	1	Dx
Inner Clavicle	Load Cell	1	Fx
Outer Clavicle	Load Cell	1	Fx

H3 5th% Dummy

Location	Type	No. Of Channels	Channels
Head	Accel	3	Ax, Ay, Az
Upper Neck	Load Cell	6	Fx, Fy, Fz Mx, My, Mz
Chest Displacement	Displacement Transducer	1	Dx
Thorax Acceleration	Accel	3	Ax, Ay, Az

Thoracic Spine	Accel	3 (Upper, Mid, Lower)	Ax
Sternum	Accel	3 (Upper, Mid, Lower)	Ax
Pelvis	Accel	3	Ax, Ay, Az
Pelvis, A.S.I.C Load Cell (Iliac Wing)	Load Cell	4	Fx, My (per side)

H3 95th dummy

Location	Type	No. Of Channels	Channels
Head	Accel	3	Ax, Ay, Az
Upper Neck	Load Cell	6	Fx, Fy, Fz Mx, My, Mz
Chest Displacement	Displacement Transducer	1	Dx
Thorax Acceleration	Accel	3	Ax, Ay, Az
Pelvis	Accel	3	Ax, Ay, Az
Femur (Left and Right)	Load Cell	2	Fy

H3 3yo Dummy

Location	Type	No. Of Channels	Channels
Head	Accel	3	Ax, Ay, Az
Upper Neck	Load Cell	6	Fx, Fy, Fz Mx, My, Mz
Lower Neck	Load Cell	6	Fx, Fy, Fz Mx, My, Mz
Upper Spine	Accel	3	Ax, Ay, Az
T12 Spine	Accel	3	Ax, Ay, Az
Sternum	Accel	2	Ax
Chest Displacement	Displacement Transducer	1	Dx
Thorax Acceleration	Accel	3	Ax, Ay, Az

Lower Spine	Accel	1	Ax
Pelvis	Accel	3	Ax, Ay, Az

P1 ½ Child Dummy

Location	Type	No. Of Channels	Channels
Head	Accel	3	Ax, Ay, Az
Upper Neck	Load Cell	6	Fx, Fy, Fz Mx, My, Mz
Thorax	Accel	3	Ax, Ay, Az

P¾, P3, P6 and P10 Child Dummies

Location	Type	No. Of Channels	Channels
Head	Accel	3	Ax, Ay, Az
Thorax	Accel	3	Ax, Ay, Az