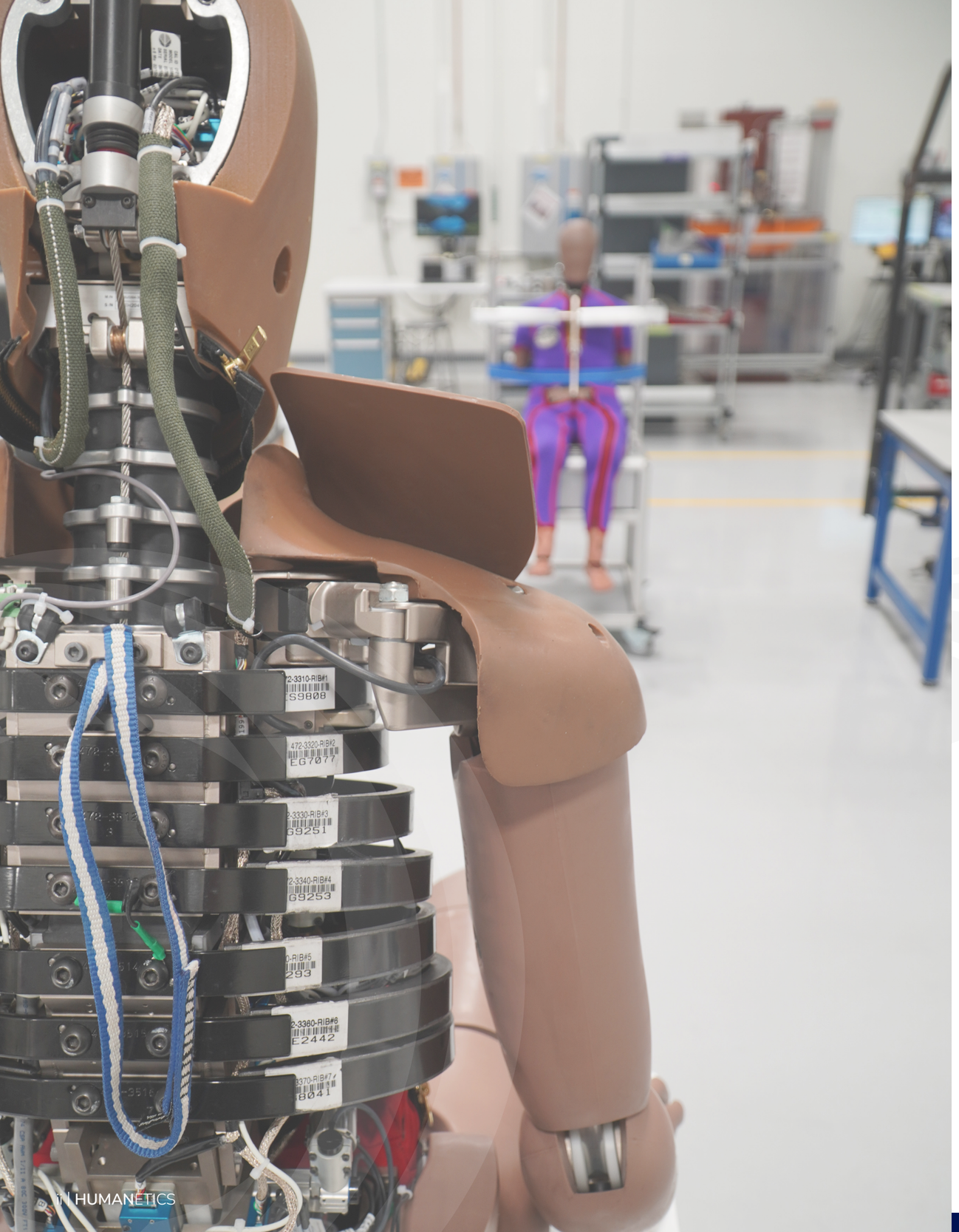
HUMANETICS

THOR-AV-50M

THE **ADVANCED AUTONOMOUS** MALE TEST DEVICE



HUMANETICS

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THE NEXT GENERATION

Crash test dummy technology has evolved to develop a next generation of anthropomorphic test devices (ATDs) that can better replicate a person's physiology.

These dummies have more sensors in the abdomen and pelvis to measure seat belt loads during impact, more facial sensors and more ways to measure chest compression to reduce the risk of rib fractures. Data provided by advanced dummies could help tune car design for safer and more effective seat belts, headrests, air bags, pedals and cabin structures.

OUR LINEUP OF NEXT GENERATION ATDS:

THOR-50M	THOR-5F
THOR-AV-50M	THOR-AV-5F
WorldSID-50M	WorldSID-5F
Obese Male	Elderly
BioRID-II	EvaRID-50F
	Q-Dummy Children

ADAPTIVE SAFETY **IN MOTION**

Volvo's latest innovation, its multi-adaptive safety belt named one of TIME's Best Inventions of 2025, marks a new era of protection designed for every body. It is more than a smarter restraint. It is a sign of how adaptive technologies and industry partnerships are redefining what safety means in the age of intelligent mobility. It reflects a future where every vehicle not only protects its passengers but learns from them. We've entered the era of Safety Intelligence.

REDEFINING THE SEATBELT FOR EVERY BODY

When Volvo invented the three-point seatbelt in 1959, engineer Nils Bohlin transformed automotive safety forever. More than sixty years later, the company has done it again. The new multi-adaptive safety belt, debuting in the upcoming EX60 EV, uses real-time data from interior and exterior sensors to tailor protection to each occupant and crash scenario.

The system continuously adjusts belt tension based on occupant size, shape, and seating posture, tightening more firmly for larger occupants in serious crashes while easing restraint for smaller individuals in mild impacts. As Åsa Haglund from the Volvo Safety Centre explains, it delivers "smarter, personalized protection that adapts not just to the crash, but to the person."

Through over-the-air updates, the belt system refines its response strategies as new crash data and occupant insights emerge. One powerful image shared from Volvo by TIME features a pregnant mother comfortably restrained, offering a visual statement that safety design can and should be inclusive from the very beginning.

THE HUMAN DATA BEHIND ADAPTIVE TECHNOLOGY

Restraint systems rely on a biomechanical understanding of how the human body moves and reacts in crashes, knowledge built through decades of physical testing and computational modeling. Yet, even as technology advances, important gaps remain.

Data for certain populations such as pregnant women, individuals with high BMI, or other underrepresented body types is limited, both in post-mortem human subject (PMHS) research and validated computational injury risk models.

Humanetics helps bridge this critical gap. Our ATDs provide high-fidelity physical sensor data that anchors digital simulations in measurable human responses, while our advanced digital human modeling tools extend this understanding into the virtual realm. Leveraging the world's largest database of human body shapes and biomechanical attributes — across regions, ages, genders, and body compositions, we help our partners create simulations that truly represent Every Body.

By combining physical testing, predictive modeling, and data science, Humanetics empowers engineers to evaluate restraint systems for a broader and more inclusive population. These insights don't claim universal validation, but they enable smarter, faster, and more human-centered design decisions that steadily move the industry closer to that goal.

As one Humanetics engineer puts it, "Adaptive safety is about progress through precision and refining protection step by step, grounded in the best data available, and always seeking to better represent the full spectrum of humanity."

PARTNERSHIP AT THE CORE OF PROGRESS

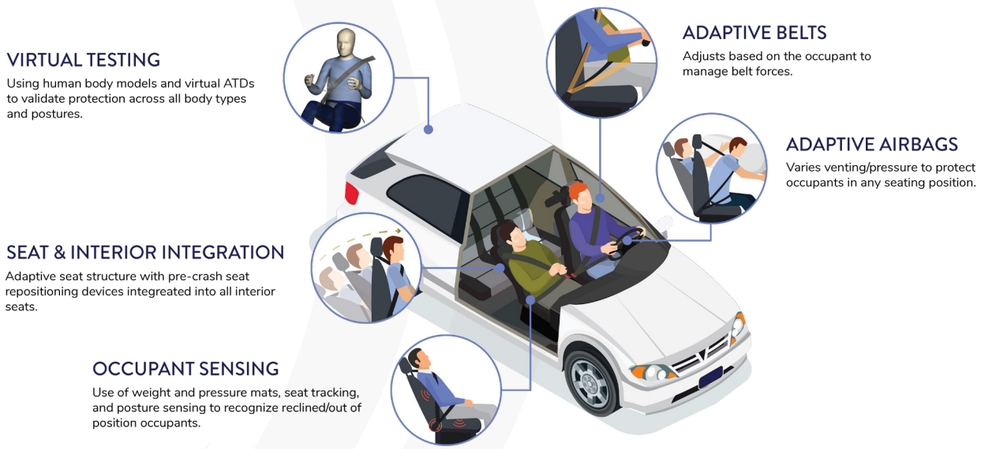
Volvo's achievement is a powerful reminder that no innovation happens in isolation. Adaptive restraint systems represent the outcome of collaboration across automakers, suppliers, researchers, and technology leaders who share one mission, to protect people in motion.

HUMANETICS PERSPECTIVE: SAFETY AS A SHARED MISSION

The Volvo multi-adaptive safety belt is more than an engineering milestone. It signals the future of inclusive and data-driven safety; a future built on shared knowledge and deep human understanding.

We believe safety is not a race, it is a collective responsibility. By combining expertise in testing, digital human modeling, and cross-industry partnership, we help shape technologies that not only meet standards but advance them.

Safety is not competitive. It is collaborative. Together, we are accelerating its evolution, shaping a future defined by Safety Intelligence, where knowledge, empathy, and technology protect every body.



FUTURE OF **CRASH-TECHNOLOGY**

Our Test device for Human Occupant Restraint, or THOR, is the future of crash-technology, available today. THOR incorporates major advancements in biofidelity and sensing, with significantly expanded instrumentation and improved user handling. Available in adult male and female models, THOR is our most sophisticated ATD for assessing occupant injuries in a variety of restraint environments.

THOR-AV-50M is an advanced frontal-impact 50th percentile adult male ATD. Descended from a series of prototypes and production models that have been in continuous refinement since 2018, the THOR-AV-50M design is currently being validated by the China Automotive Engineering and Research Institute (CAERI) for certified use in reclined seating tests in China. Humanetics is actively involved in addressing the test procedures, injury risk curves, replacement parts and other refinements needed for standardization.

THOR-AV-50M is advanced in his design and usability. He carries over 150 channels of instrumentation. He has a more biofidelic neck, especially in torsion response, abdomen, and pelvis. His chest deflects in a 4-point, 3-dimensional manner while his abdomen is equipped with abdomen pressure twin sensors (APTS). His spine is equipped with flexible joints in both the thoracic and lumbar regions and his shoulders are designed for better iteration with restraints. THOR-AV-50M has the ability to test any seatback angle reclined between 25° and 60°, with the standard positions at 25°, 45°, and 60°.

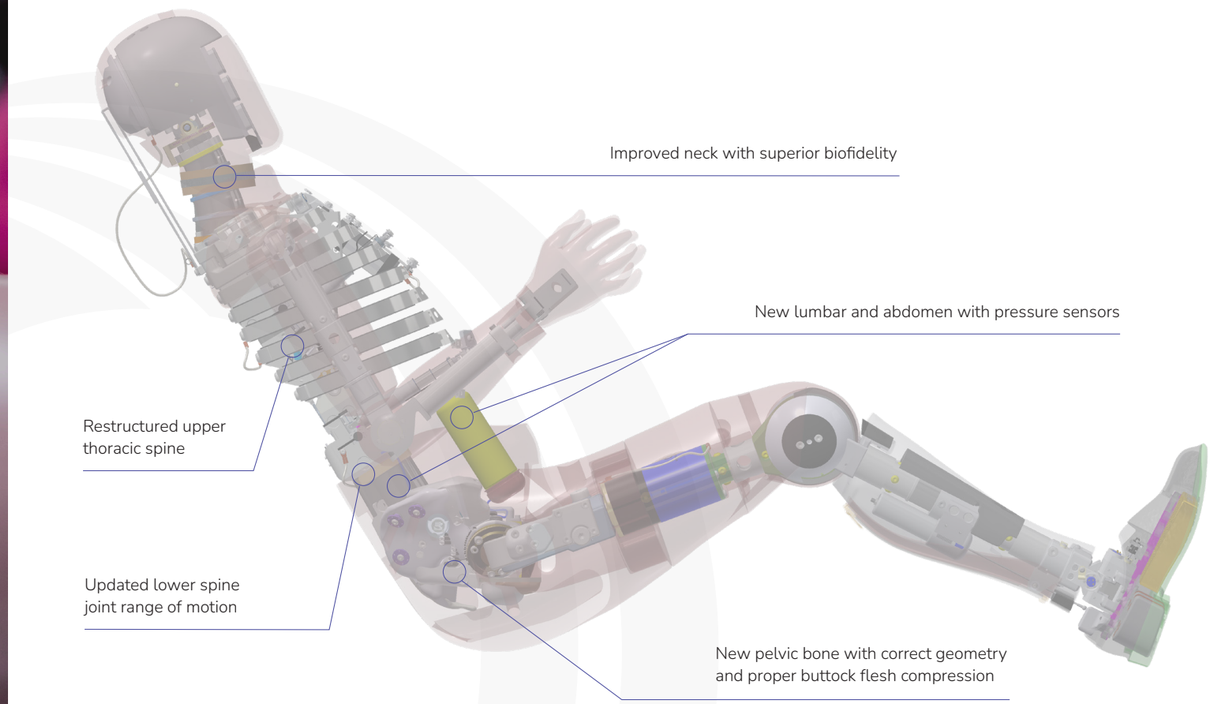
THE
MOST ADVANCED
ATD EVER CONCEIVED
FOR WIDESPREAD
ADOPTION

Find out more
humaneticsgroup.com

PRODUCT **SPECIFICATIONS**

KEY**FEATURES**

The THOR-AV5-50M expands on the THOR-50M by representing both upright and reclined occupant seating postures. It can be easily positioned to match a wide range of reclined seating angles while maintaining strong biofidelity in mass, geometry, and dynamics across both positions. Refinements improve submarining behavior and neck torsion biofidelity in complex seating scenarios, supporting both traditional and alternative restraint systems. The design also introduces injury-focused instrumentation, improved performance repeatability, overload protection for severe test environments, and a more modular, user-friendly architecture for faster assembly and disassembly.



ATD
BIOFIDELITY RANKING

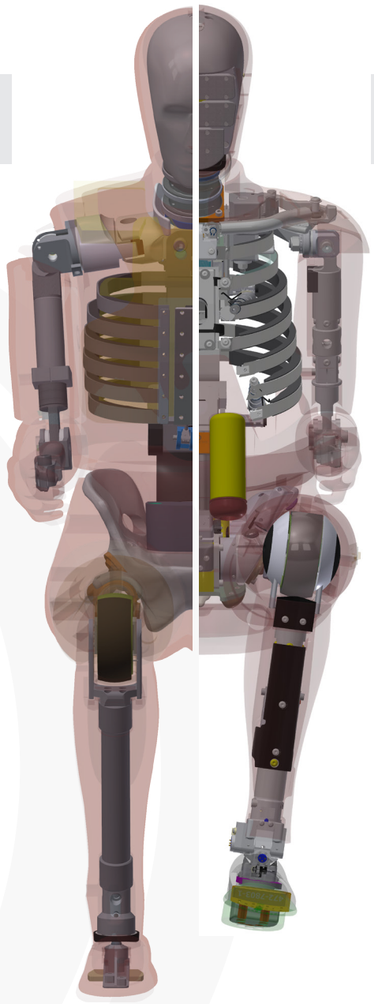
ATDs are constructed to represent the human body's biomechanical properties accurately. According to NHTSA, the purpose of the Biofidelity Ranking Score (BRS) is to objectively quantify response differences between human subjects and crash test dummies to evaluate how well a dummy replicates the behavior and response of a human.

HYBRID-III 50TH
Hybrid-III Design

2.70
MARGINAL
Overall BioRank Biofidelity Score

THOR-AV-50M
THOR AV Design

1.05
GOOD
Overall BioRank Biofidelity Score



* Whole body kinematics only

BRS Range	BRS ≤ 1.0	1.0< BRS ≤ 2.0	2.0 < BRS ≤ 3.0	BRS ≥ 3.0
Biofidelity	Excellent	Good	Marginal	Poor

The lower the BioRank score, the more biofidelic the ATD response is. A BioRank score less than 2 is desirable.

INSTRUMENTATION
BY CHANNELS

HYBRID-III 50TH
Hybrid-III Design

Head
3 CHANNELS
In center of head, facial features increase variability

Neck
12 CHANNELS
Upper and lower neck

Upper Torso
8 CHANNELS
Spine and thorax

Lower Torso
9 CHANNELS
Lumbar, ASIS and pelvis

Lower Extremity
19 CHANNELS
Femur and tibia

< 75
DATA CHANNELS
Available for injury sensing

THOR-AV-50M
THOR AV Design

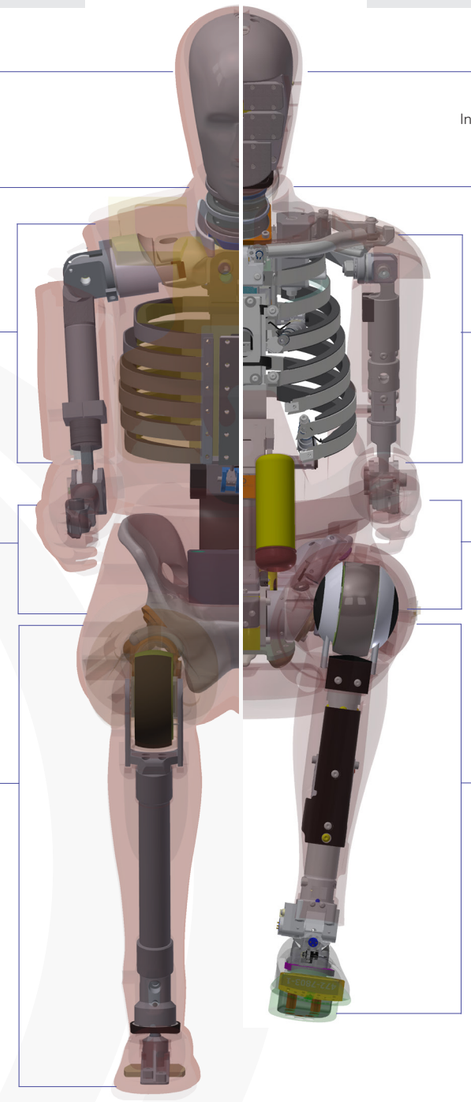
Head
11 CHANNELS
Includes tilt, facial, and Angular Rate Sensor (ARS), flat face reduced variability

Neck
7 CHANNELS
Upper and lower neck

Upper Torso
56 CHANNELS
Chest, clavicle, spine and throrax

Lower Torso
18 CHANNELS
Abdomen, pelvis, ASIS, lumbar and acetabulum

Lower Extremity
52 CHANNELS
Femur, knee, tibia, achilies, ankle and feet

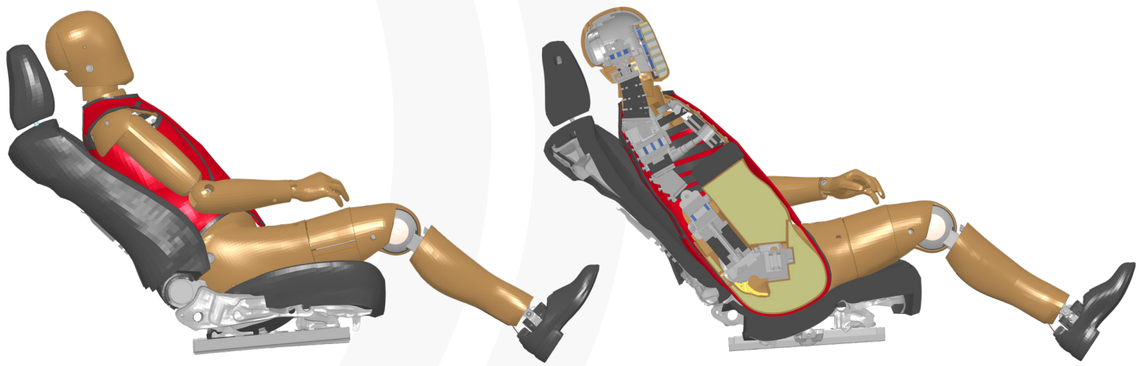


144
DATA CHANNELS
Available for injury sensing

VIRTUAL ATD MODELS

Using computer-aided design (CAD) and finite element analysis (FEA), our developers have created a portfolio of products and platforms to enable engineers to run unlimited iterations of real-world crash tests in virtual simulations. Virtual crash test dummies can be transferred into a virtual vehicle environment, thereby opening up the possibility to carry out unlimited simulations of real-world crash scenarios.

Humanetics is the only company in the world that provides a diverse portfolio of both physical crash dummies as well as their virtual counterpart. Through our physical dummy design and testing, we have direct access to CAD geometry, material data, components and dummies. Our research and development involved in the manufacturing of physical crash test dummies feeds directly into our Finite Element models, resulting in the highest level of predictability and robustness. Humanetics offers the THOR-AV-50M model in ANSYS LS-Dyna and PAM CRASH. The THOR-AV-50M model brings the advantages of the most advanced male crash test dummy to the virtual environment. The THOR-AV-50M model represents the latest hardware level.



THE HUMANETICS **ECOSYSTEM**

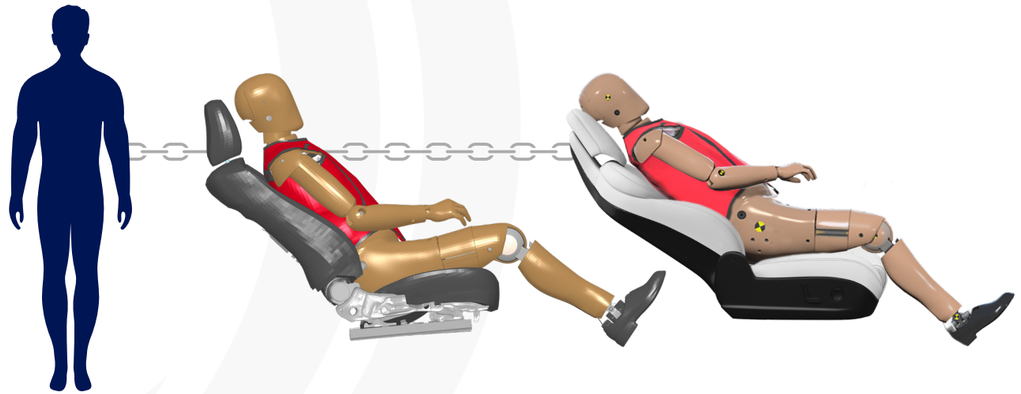
Humanetics has earned its reputation as a global leader in the development and manufacturing of crash test products by providing a complete ecosystem that covers every aspect of safety testing. From virtual simulations to physical crash test dummies, Humanetics offers a seamless workflow that ensures the most accurate and reliable results throughout the testing process.

Humanetics' toolkit begins with state-of-the-art digital simulations. Leveraging advanced computer-aided engineering (CAE) technologies, Humanetics allows manufacturers to conduct thorough virtual crash tests before any physical prototypes are created. This not only accelerates the product development cycle but also minimizes costs associated with physical testing.

The virtual phase seamlessly transitions into virtual testing, where the accuracy of the simulations is rigorously validated. Humanetics' virtual testing solutions ensure that the digital model faithfully represents real-world scenarios, providing engineers with unparalleled insights into the performance of their designs.

Humanetics original legacy is in the development of physical crash test products. Our Anthropomorphic Test Devices (ATDs) are engineered with precision and attention to detail, ensuring that they accurately replicate the biomechanics of the human body. From head-to-toe, Humanetics' ATDs are designed to provide the most realistic and reliable data possible.

Through our physical dummy designs and testing, we have direct access to complex geometry and material data to ensure the consistency of our digital twins so the physical and virtual worlds perform as identical as possible.



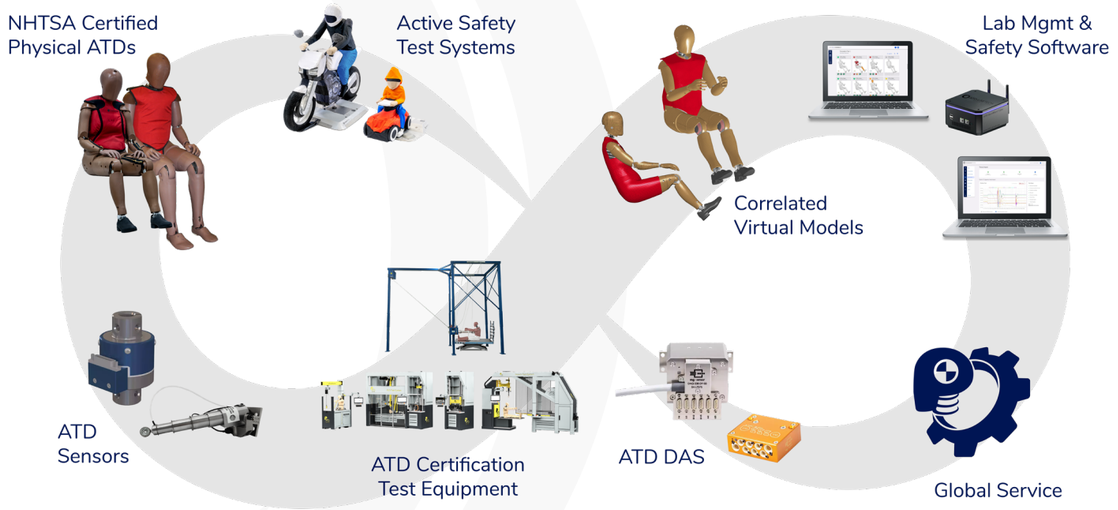
THE HUMANETICS **WORKFLOW ADVANTAGE**

Humanetics' closed-loop workflow ensures a seamless transition from digital simulations to physical testing with integrity with feedback control. This integration minimizes the risk of discrepancies between the virtual and real-world results, providing engineers and manufacturers with the confidence that the safety features they design in the digital realm will translate accurately to physical products.

With a complete workflow in place, Humanetics guarantees the integrity of the testing process. The closed-loop system eliminates potential gaps or inconsistencies in the workflow, providing a holistic and reliable approach to crash testing. Manufacturers can trust that the results obtained from Humanetics' products accurately reflect the performance of their vehicles in real-world collision scenarios.

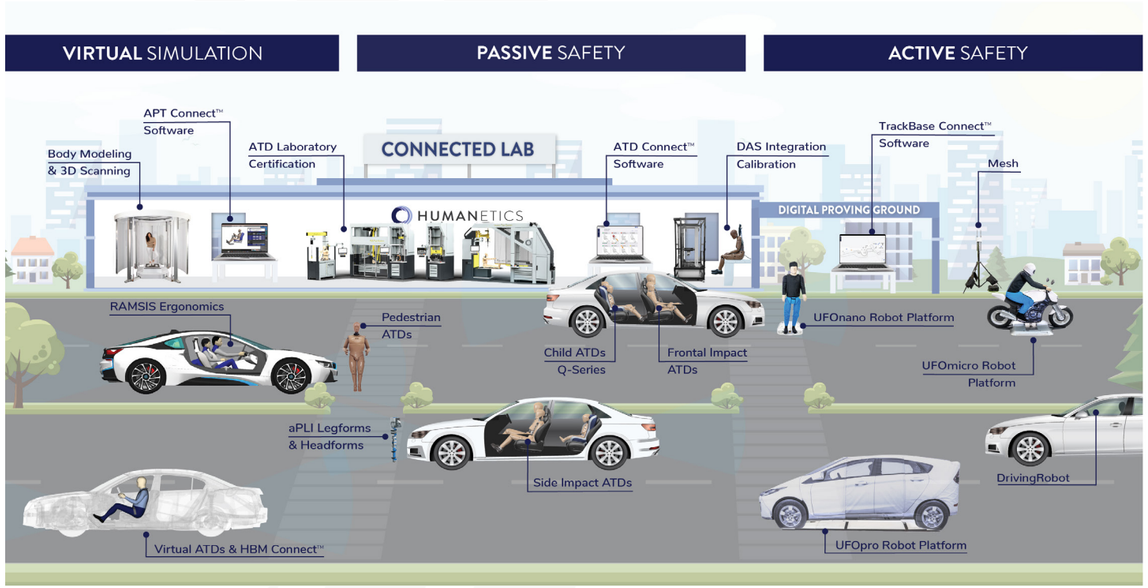
For example, Humanetics Digital creates data models and simulation software that accelerate design and test, improve safety & comfort, and reduce development cost and time to market.

Our comprehensive portfolio of Active Safety test equipment including ultra flat overrunable (UFO) platform robots, soft target vehicles, and self-driving robots allow vehicle manufacturers to test the latest advanced crash avoidance systems in real-world scenarios.



By seamlessly integrating digital software and management tools into the test lab, we can offer the capabilities to connect not only ATDs and sensor solutions but also test systems with each other, analysis software and cloud solutions. Our products provide the ability for connected and integrated lab management, ensuring measurement accuracy and repeatability.

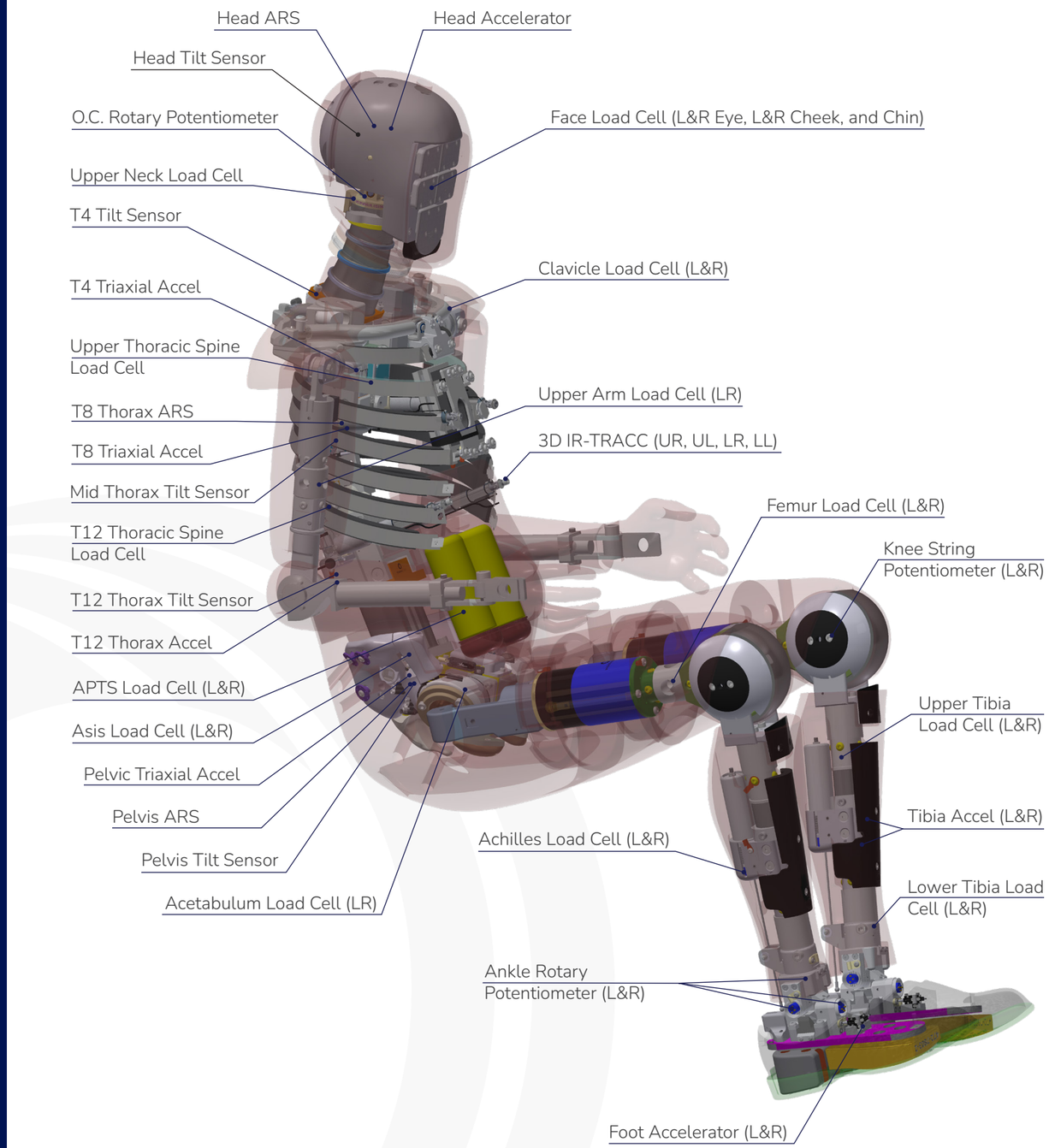
- Low Variation
- Seamless Integration
- High Efficiency
- Data Integrity
- Speed to market
- Lower long-term costs
- Management of increased development complexity across disciplines
- Increased visibility and transparency of development across disciplines



HUMANETICS SENSORS

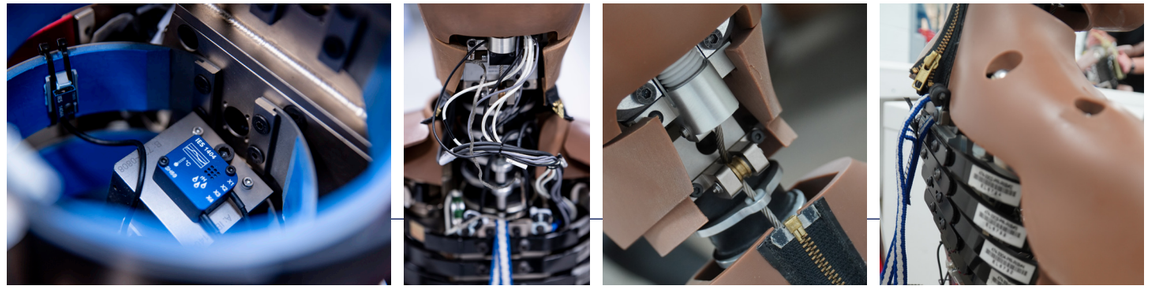
We develop special sensors to measure the forces that break bones and cause injuries. These readings are controlled and repeatable, providing vehicle designers with reliable data to enhance and refine product safety.

Thanks to our advanced engineering and meticulous manufacturing, Humanetics dummies are highly sophisticated platforms that deliver trusted sensory intelligence.



SENSOR **OPTIONS**

Humanetics is the industry leader in the design and manufacturing of ATD load cells. We developed the first load cells for the Hybrid-III 50th in 1974 and now offer over 1000 load cells for all ATDs on the market. The THOR-50M, can accommodate a full range of sectional load cells.



The THOR-AV-50M has a channel package to optimize the data collection requirements of next generation analysis.

Channel Configurations

MODEL NUMBER	DESCRIPTION	AXIS	CHANNELS
10382J	FACIAL-J-211	FX	1
IH-12910J	UPPER NECK J-211	FX FY FZ MX MY MZ	6
IH-10415J	THORACIC SPINE J-211	FX FY FZ MX MY MZ	6
IH-12010J	UPPER THORACIC SPINE Load Cell J-211	FX FY FZ MX MY MZ	6
IH-10925J	CLAVICLE J-211 (Left Side)	(2X) FX & (2X) FZ	4
IH-10935J	CLAVICLE J-211 (Right Side)	(2X) FX & (2X) FZ	4
IH-11300J	UPPER ARM J-211 (Left Side)	FX FY FZ MX MY MZ	6
IH-11301J	UPPER ARM J-211 (Right Side)	FX FY FZ MX MY MZ	6
IH-13290J	ASIS J-211 (Left Side)	FX MY	2
IH-13300J	ASIS J-211 (Right Side)	FX MY	2
IH-11990J	ACETABULUM J-211 (Left Side)	FX FY FZ	3
IH-12000J	ACETABULUM J-211 (Right Side)	FX FY FZ	3
W50-71010J	FEMUR J-211	FX FY FZ MX MY MZ	6
IH-10390J	UPPER TIBIA J-211	FX FY FZ MX MY	5
IH-10391J	UPPER TIBIA J-211	FX FY FZ MX MY	5
10389J	ACHILLES J-211	FZ	1
(Various)	Hybrid-III 50th Lower Legs		
(Various)	FEMUR J-211 (Hybrid-III Leg Option)		(6)
(Various)	UPPER TIBIA J-211 (Hybrid-III Leg Option)		(5)
(Various)	LOWER TIBIA J-211 (Hybrid-III Leg Option)		

Channels Specified in C-IASI Test Protocol

CHANNEL DESCRIPTION	AXIS
Head Accelerations	X, Y, Z
Upper Neck Load Cell	FX, FZ, MY
Thoracic IR-TRACCs (x4)	D
Thoracic IR-TRACCs Rotary Potentiometers (each IR-TRACC)	X, Y
Abdomen Pressure Twin Sensors	P_left, P_right
Lumbar Spine Load Cell (T12)	FZ, MY
ASIS Load Cell	FX (x2)
Lap Belt Force	F
Accetabulum Load Cell	FX
Femur Load Cell	FX
Knee Potentiometer	D
Upper Tibia Load Cell	FZ, MY
Lower Tibia Load Cell	FZ, MY
Foot Accelerations	X, Y, Z

THOR-AV-50M
PACKAGE OPTIONS

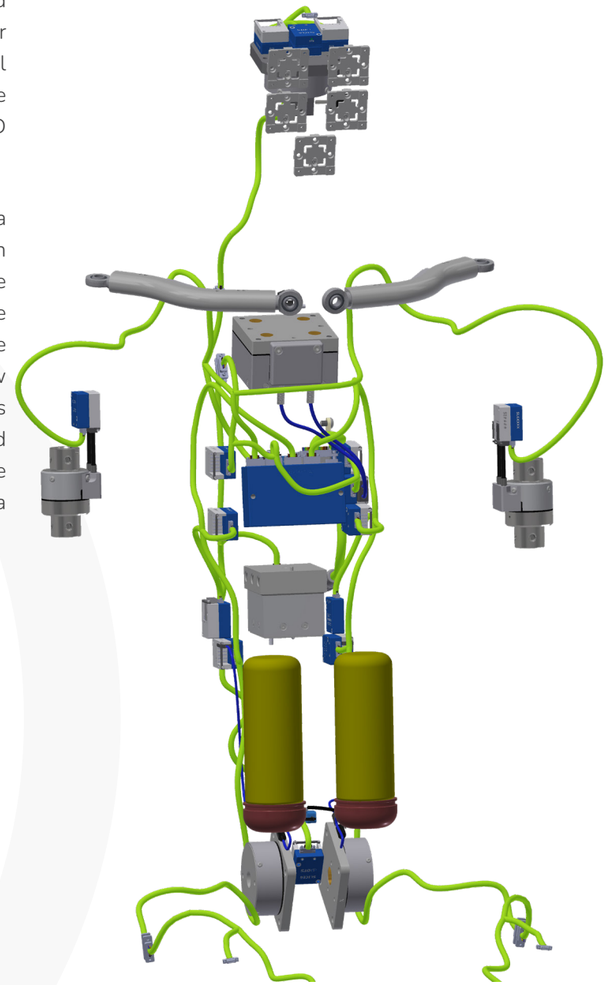
SIMPLIFIED
INSTRUMENTATION

Packaged for **convenience**, **usability**, and **simplification**.

A tier of standardized option menus have been created for the THOR as part of the ATD complexity reduction initiative in an effort to simplify the purchasing process for integrated ATDs.

These package options offer sets of predetermined channel counts of load cells, accelerometers, and angular rate sensors conveniently bundled together for optimal usability. Moreover, the standard delivery time will be greatly reduced as a result of streamlining the ATD production and assembly processes.

Historically, most integrated ATDs are coupled with a choice of on-board data acquisition systems with customer specific instrumentation, and they have typically been engineer-to-order items that require unique build designs for each dummy. To minimize the sometimes unnecessary customization, customers now have the option to purchase the standardized packages with preset instrumentation. This allows a simplified ordering and build process that will not only meet the customer's data collection needs, but also come with a much quicker delivery time and savings in cost.



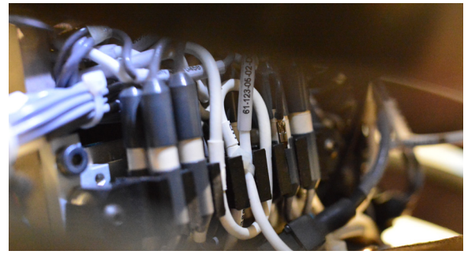
ONBOARD DAS
INTEGRATION

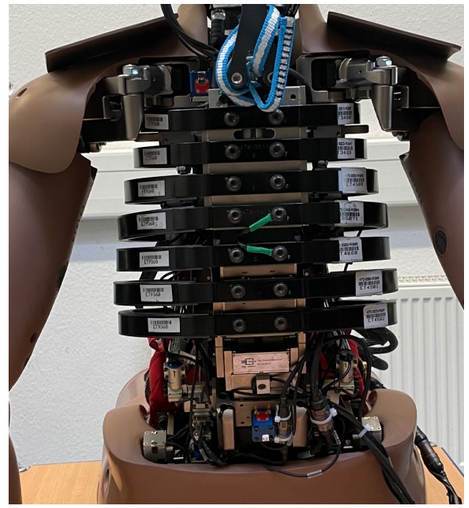
ONBOARD DAS
INTEGRATION OVERVIEW

The Humanetics legacy of integrating ATDs with onboard Data Acquisition Systems (DAS) spans over twenty years, starting in the mid 1990s with the Intelligent Dummy Data Acquisition System (IDDAS). This first system found itself assimilated into the spine of the Hybrid III 50th ATD with a limited number of channels.

Today, as the world leader in integrations, Humanetics' role in the development of the integrated dummy is well known in the industry and continues to push the boundaries of this technology. A Humanetics iDummy can now exceed 200 channels of available data collection.

The secret to Humanetics' iDummy success has been the ability to integrate all types of dummies using any type of DAS for both automotive and military applications. Being a DAS neutral integrator allows Humanetics to utilize the customer's choice of systems from suppliers like DTS, Kistler, mg Sensor, Messring, and Kyowa. And since the manufacture of dummies and load cells are part of the Humanetics core business, the level of expertise of these integrations provides customers with the assurance that any integrated dummy will seamlessly function and be equal to the non-integrated counterpart in mass, CG, and physical measurements.





DTI
RECORDER OPTIONS

Hubs are connecting sensors throughout the dummy, by collecting sensor data of specific dummy areas. The collected sensor signals are transferred into a single cable. This way hubs are helping to reduce the number of cables routed through the dummy, which ultimately reduces umbilical mass and weight.

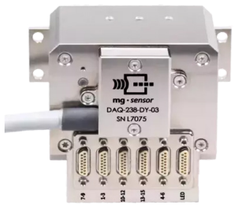
Data recorders are used to collect measurement data in a central erasable memory. For the DTI integrated THOR-50M version, Humanetics offers a data recorder by mg-sensor, called DAQ-238-DY. The recorder features 17 DTI ports and a system LED port, as well as a 64 GB Flash Memory for data storage.

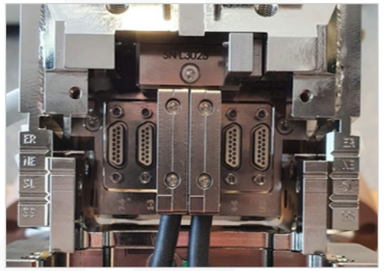
To ensure an optimal distribution of the sensor data, hubs by Humanetics are always customized to the certain needs in the area they are used in, in the dummy. These needs are for example the amount of input connector slots or the number of data channels that need to be connected to the hub.

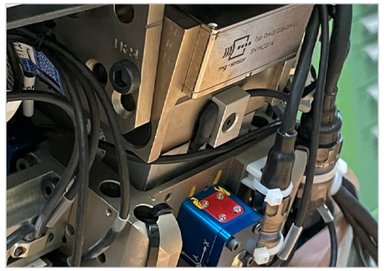
Due to the user-friendly design and installation, the recorder can easily be accessed from the front as well as the back of the spine. The recorder is working with all DTI compatible DIMODs and ADMs and has been tested with various software packages with DTI support, to ensure frictionless operation and making it a valuable component of the integrated dummy. Additionally, the integrated power supply supports user efficiency by avoiding unnecessary downtime.

This new recorder can cover a maximum amount of 204 channels and is featuring 10/100/1000 Mbit Ethernet for extremely fast data download, simplifying and speeding up the daily work with the dummy. With an embedded web interface, it can be operated within the web browser.

The DAQ-238-DY is fully compliant with SAE J211 and ISO6487 and accepted by Euro NCAP.



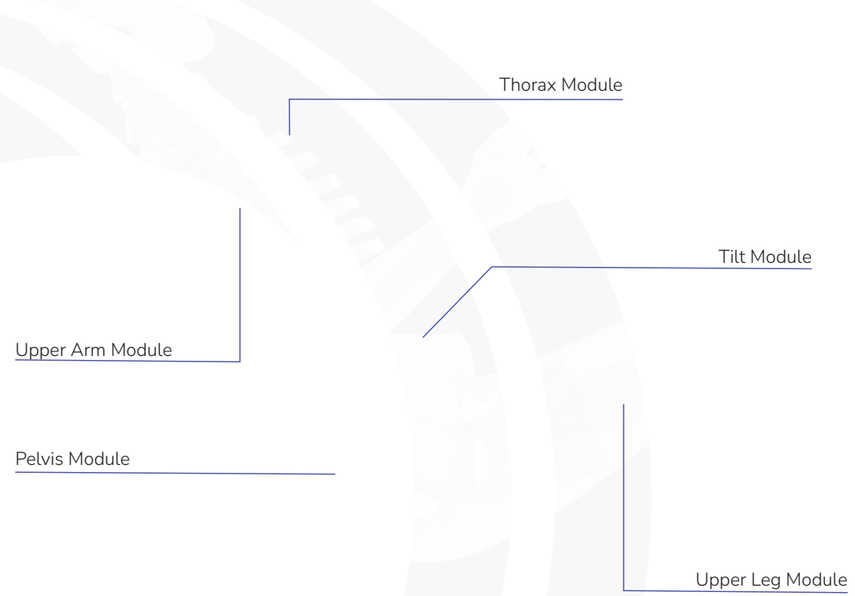




LOCATIONS

A THOR-AV-50M can have modules and hubs built into different parts of the dummy to service those areas where data channels are concentrated.

An overview can be seen below.



PRODUCT &
CUSTOMER SUPPORT

There is no company of engineers more experienced in designing, installing, and maintaining sophisticated passive and active safety testing equipment that Humanetics.

Our experts in each of our global facilities spend much of their time on-site with customers training them to use the latest technologies. Humanetics offers an extensive global service model. We train automaker and test facility engineers in a range of capabilities: calibration of sensors, set-up of complete test facilities, and management of CAE and FE modeling.

We also provide fully outsourced on-site dummy management through our own test engineers.

Let us know how you would like us to support you - we are here to help you succeed.

SPARE PART **AVAILABILITY**

Having a variety of THOR-AV-50M spare parts on hand for quick replacement during an ATD certification or a crash test series is an affordable and efficient way to help manage unexpected needs and regular maintenance requirements.

To help with your inventory planning, we've put together lists of the most common and consumable components to have readily available for regular and emergency use. Visit our website to download the latest recommended spare parts for the THOR-AV-50M.

- Neck Rubbers
- Abdomen
- Rib Set
- Lumbar Rubbers
- Shoulder Pad
- Knee Slider Assemblies
- 3D IR-TRACC Assemblies
- Misc. Hardware and Washers

Having a variety of THOR-AV-50M spare parts on hand for quick replacement during an ATD certification or a crash test series is an affordable and efficient way to help manage unexpected needs and regular maintenance requirements.

IMPORTANCE OF ATD SPARE PART INVENTORY

Accidents happen. And within vehicle safety test facilities, they happen on purpose! So there's nothing more frustrating than lacking a critical replacement part for a test dummy that's scheduled for a required re-certification or needed immediately for a crucial test series.

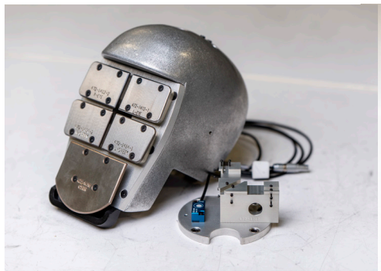
Some of the components that bare the brunt of physical impact and abuse are critical items to have on-hand for quick replacement when damaged or worn-out. Many test dummy spares have delivery lead times that could delay your testing if you don't have them available in your local inventory.

To help with your inventory planning, we've put together a list of the most common and consumable components to have readily available for regular and emergency use.

RECOMMENDED THOR-AV-50M SPARE PARTS

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	472-1320	HEAD SKIN THOR-M	1
2	478-1002	FACE INSERT	1
3	472-1310	CAP SKIN THOR-M	1
4	472-2016	SCREW, OCCIPITAL CONDYLE	1
5	478-2100	NECK ASSEMBLY, MOLDED	1
6	472-3310	ELLIPTICAL RIB ASSEMBLY 1, UNTESTED	1
7	472-3320	ELLIPTICAL RIB ASSEMBLY 2, UNTESTED	1
8	472-3330	ELLIPTICAL RIB ASSEMBLY 3, UNTESTED	1
9	472-3340	ELLIPTICAL RIB ASSEMBLY 4, UNTESTED	1
10	472-3350	ELLIPTICAL RIB ASSEMBLY 5, UNTESTED	1
11	472-3360	ELLIPTICAL RIB ASSEMBLY 6, UNTESTED	1
12	472-3370	ELLIPTICAL RIB ASSEMBLY 7, UNTESTED	1
13	478-3002	THORAX RIB ASSEMBLY	1
14	472-3510	THORAX ELLIPTICAL RIB STIFFENER 1	1
15	472-3511	THORAX ELLIPTICAL RIB STIFFENER 2	1
16	472-3512	THORAX ELLIPTICAL RIB STIFFENER 3	1
17	472-3513	THORAX ELLIPTICAL RIB STIFFENER 4	1
18	472-3514	THORAX ELLIPTICAL RIB STIFFENER 5	1
19	472-3515	THORAX ELLIPTICAL RIB STIFFENER 6	1
20	472-3516	THORAX ELLIPTICAL RIB STIFFENER 7	1
21	472-3518	IR-TRACC CONNECTING BOLT, UPPER THORAX	2

humaneticsgroup.com HUMANETICS

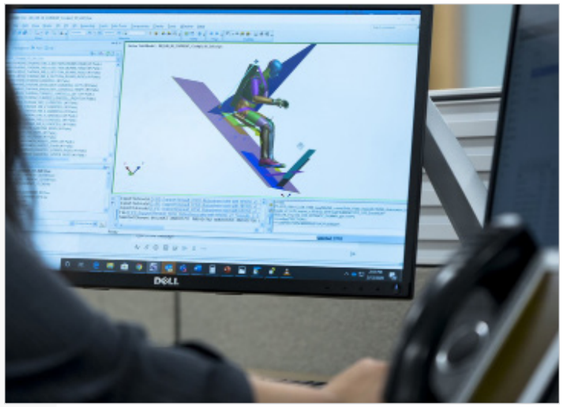


CERTIFICATION & **CALIBRATION**

Humanetics offers an extensive global service model. We train automaker and test facility engineers in a range of capabilities: calibration of sensors, set-up of complete test facilities, and management of CAE and FE modeling. We also provide fully outsourced on-site dummy management through our own test engineers.

Humanetics offers calibration and certification services for the entire range of THOR-50M dummy components and sensors. ATD certification includes initial overall inspection of the dummy and dynamic testing certified to the latest approved industry standards. Our worldwide laboratories makes sure regional support is always available for your ATD.

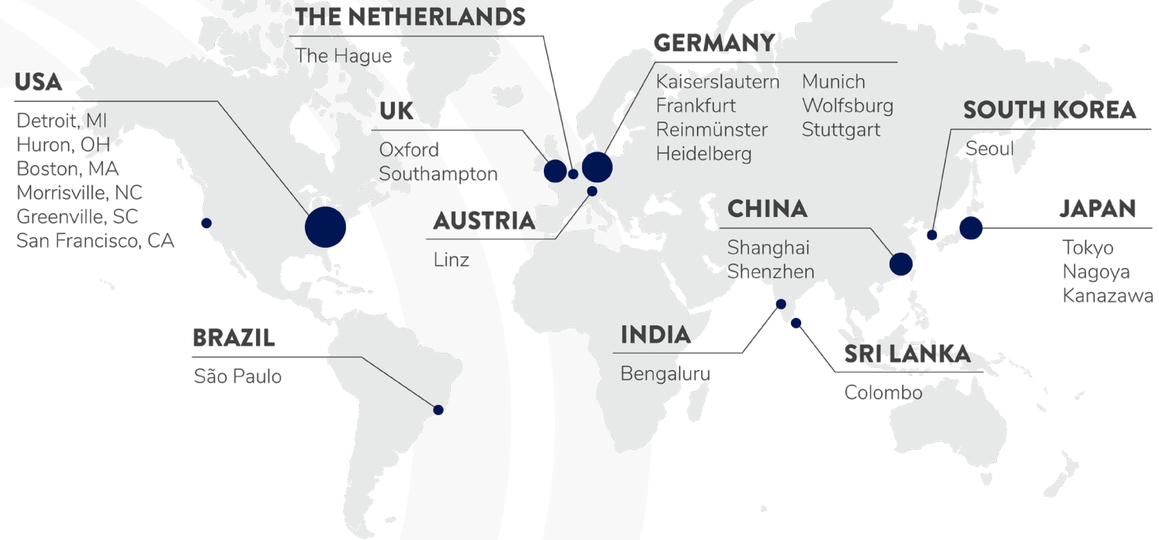
Humanetics labs also stock the most commonly replaced certified parts for all dummy types. This allows Humanetics to offer the fastest possible turn-around times to meet your testing schedules.



HUMANETICS GLOBAL NETWORK

Humanetics has a strategic presence in major automotive and industrial markets to fully support the advanced THOR ATDs with 24 locations worldwide including 12 sales & customer, design, and service centers.

Our management team are some of the world's leading experts on vehicle safety and biomechanical engineering. They have a passion to lead their teams to develop the best devices, service the needs of our incredible customers worldwide and ensure that people are safe every time they get into a car.



SALES, MAINTENANCE, **& TRAINING**

Humanetics provides a full range of services to install, maintain, calibrate, and certify our ATD's. Our aim is to keep your test operations running to the highest certified standards by providing you with our expertise, products, and partnership when you need it.

- A complete plug and play management service to give some of our clients a turnkey solution building and resourcing new facilities around the world, and others, a scalable set of resources during peak testing.
- Leased ATDs, and engineers to install them, for specific tests or longer periods of time and we can provide regular maintenance and training for in-house teams, or schedule times to deliver one-off programs tailored to your needs.
- A full training program to develop the next generation of engineers in your labs, or a fully outsourced solution with our engineers embedded in your teams on a short term or long-term basis.

KEEP YOUR TESTING PROGRAM ON TRACK

Scan QR code to view the full range of services for our next generation ATDs.

CONTACT US

Having offices across Europe, the U.S. and Asia, we have a number of experts in each region who can help you with inquiries. Feel free to reach out to our team in case you have questions or are interested in more detailed information at any time.

Detailed contact information for each region as well as the latest product information including user manuals and technical service bulletins is located on our homepage.

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Stay Safe, Stay Informed. Please enjoy our on-demand webinar series on exciting topics that we and our community are passionate about.

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TECHNICAL SUPPORT

Technical support by email is always available for our complete line of crash test dummies and test equipment, certification testing, product specifications and more at atdtechsupport@humaneticsatd.com

And don't forget, registered website users can access all the latest user manuals, product catalogs and technical service bulletins 24/7 on individual product pages. Just select the RESOURCES tab on the page.

HUMANETICS

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