

# AUTOMOTIVE TESTING EXPO INDIA 2025

India's biggest full-vehicle and component testing and validation technologies and services show returns – with three halls of new solutions to enhance product quality

LOOK OUT FOR A **BIGGER** PREVIEW IN **JANUARY!**

automotive **testing expo** INDIA



**T**he 2025 Automotive Testing Expo India, held in Chennai, April 8, 9 & 10, is set to be a fantastic event! It will be even bigger than the hugely successful 2023 show (which attracted 5,000+ visitors and 160+ specialist suppliers), with an extra hall to accommodate even more products on show, the Innovation Showcase and ATS Forum. It is an honor to have ARAI as the event's knowledge partner once again. Visitors will be able to explore the latest technologies, software

and services within the world of automotive testing, evaluation and quality engineering, including crash testing, ADAS and autonomous test and development technologies, EV and range testing, battery analysis, data storage, electric powertrain evaluation, calibration, dynos, NVH, test rigs, durability analysis, emission measurement systems, test chambers and proving grounds. This is a must-attend event for the industry, including the truck and bus manufacturing community and those making two- and three-wheel vehicles and their component suppliers. Turn the page for a sneak preview of what's in store... <







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[www.testing-expo.com/india](http://www.testing-expo.com/india)

## INTUITIVE DAQ SOLUTIONS

### Gantner Instruments India

Gantner Instruments will be at the expo to show its cutting-edge data acquisition solutions designed for the rigorous demands of the automotive industry. With a focus on precision, speed and durability, its DAQ systems can effectively and accurately perform durability, road, climate, vibration and endurance tests, providing valuable data for vehicle design and performance improvement.

The company's scalable data acquisition systems offer seamless integration, supporting real-time data analysis and ensuring the highest level of accuracy. Gantner's innovations contribute to enhancing vehicle safety, improving energy efficiency and accelerating product development cycles. Trusted by global automotive manufacturers, its DAQ technology is pivotal in driving the next generation of mobility solutions.

**Booth 4080**



## VEHICLE DATA MANAGEMENT TECHNOLOGY

### DriveTech Intelligence

The rise of software-defined vehicles has led to an explosion of data generated by each vehicle model. From concept to prototype, and from SOP to after-sales diagnostics, a single vehicle model can generate over 1,000,000GB of data. Auto makers face the challenge of this data being scattered across multiple systems, global teams and shared drives. This complexity is compounded by the need for significant manual intervention in current data processes, often leading to delays and errors. With evolving powertrain technologies, emission norms and safety requirements, streamlining data processes has never been more critical.

DriveTech's enterprise data intelligence platform, StellarAi, which will be on display at the expo, addresses these challenges by consolidating all vehicle test data into a unified system and automating analytics. Featuring a low-code/no-code ML framework and a library of pre-built logic blocks, StellarAi provides rapid insights, predictions, anomaly detection and pattern recognition, delivering up to 90% time and effort savings and enabling faster go-to-market strategies. This empowers auto makers to make agile, data-driven decisions, accelerating development and enhancing the efficiency of future mobility solutions.

**Booth 4046**

## PRECISION VIBRATION ANALYSIS

### Polytec

Polytec's QTec and 3D measurement technology is designed to provide highly precise, non-contact vibration analysis for the automotive industry. QTec excels at

measuring vibrations on challenging surfaces, such as dark or moving objects, ensuring accurate data collection. The 3D measurement system captures vibrations in all three dimensions, offering a comprehensive view of how components such as engines and suspensions behave under operational conditions.

QTec enables effective NVH testing, helping engineers to enhance vehicle comfort and safety by identifying vibration sources without interference. Meanwhile, Polytec Scanning Vibrometers (PSV) with QTec enable seamless validation of simulation models by aligning finite element mesh data with real objects for accurate comparisons.

Polytec's systems can effectively address vibration issues across a wide range of automotive components, including engine, transmission, suspension system, driveline, brake system, exhaust system, steering system, chassis, wheels and tires. Find out more at the expo in Chennai.

**Booth 4038**

## QUICK CONNECTORS FOR AUTOMATED LEAK TESTING

### WEH

In the automotive industry, there are many components that need to be checked for proper sealing and correct functioning without disrupting the production process.

As very large numbers of such parts sometimes need to be tested, the efficiency of such tests is vital. For this reason, it makes sense to automate test processes.

WEH will be displaying its quick

connectors – which have been a standard tool in the international automotive industry for many years now – at Automotive Testing Expo India. The usefulness of test connectors, especially in automated leak testing, has been well proved over the years. With no need to screw components on or off, WEH connectors can be attached

in seconds, establishing a secure and pressure-tight connection.

Due to their easy operation and reduced connection times, they not only simplify work processes but also increase productivity and consequently help reduce costs. Typical applications include leakage tests; helium and vacuum testing; hot and cold tests on fuel lines, engines, steering systems, tanks, gears, compressors and injection pumps; and the correct filling of automotive air-conditioning and cooling systems.

**Booth 3026**



## LIFECYCLE VEHICLE DIAGNOSTICS

### Wind Hill

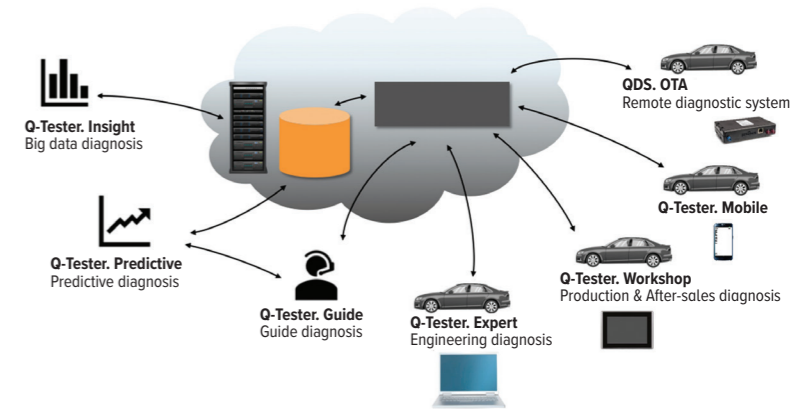
Wind Hill's Q-Tester family – on display at the expo – is used for whole lifecycle vehicle diagnostics from engineering and testing to production and after-sales. The solution is based on ODX/OTX/SOVD open standards and can be adapted to fit all OEM requirements. Q-Tester includes a cloud solution and an app solution.

The Q-Tester app solution includes Q-Tester.Expert, Q-Tester.Workshop, Q-Tester.Mobile and

the QDS smart diagnostic engine, which is a fourth-generation diagnostic tester. Q-Tester.Workshop can run on Windows, Linux, Android and iOS based on the concept of 'develop once and run everywhere'.

The Q-Tester cloud solution includes Q-Tester.Admin, Q-Tester.Insight, Q-Tester.Predictive and Q-Tester.Guide. These platforms extend the Q-Tester app and provide powerful functions to repair a vehicle easily.

**Booth 5058**



Supported Standard: OTX (ISO-13209) / ODX (ISO-22901-1) / ASAM SOVD1.0.0

## ENVIRONMENTAL TESTING AND REFRIGERATION TECHNOLOGY

### Sri Easwari Scientific Solution

Sri Easwari Scientific Solution is a leader in environmental testing and refrigeration technology. With over a decade of experience, it specializes in the design, development and manufacturing of high-performance climatic test chambers and thermal engineering solutions. Its products are engineered to meet the demanding requirements of industries such as aerospace, defense, automotive, electronics and pharmaceuticals, ensuring that they perform flawlessly in even the most challenging environments.

The company is a trusted partner of esteemed organizations such as the Defence Research and Development Organisation in India. Its commitment to excellence is reflected in its wide range of state-of-the-art products, including thermal shock test chambers, walk-in stability chambers, humidity and temperature chambers, and custom-engineered solutions tailored to specific testing needs. Each product is designed with precision, reliability and innovation at its core, supporting critical research and development efforts across various sectors.

Sri Easwari's key products include thermal shock test chambers, offering advanced solutions for rapid temperature cycling and ensuring product durability and performance; large walk-in stability chambers designed for long-term stability testing under controlled environmental conditions; precision-engineered humidity and temperature chambers for simulating a wide range of climatic conditions; and custom test chambers tailored to meet the unique requirements of specialized applications. See a range of Sri Easwari's products on display in Chennai.

**Booth 6000**

## HIGH-EFFICIENCY DATALOGGER

### ZD Automotive

The ZD Datalogger 3 Series is a high-performance datalogger equipped with PTP time synchronization, ensuring high data consistency with 4ns timestamps. Visitors to the expo can find out all about its features, which include a continuous data bandwidth of up to 3Gbps, a storage capacity of 2 \* 8T, and 24/7 recording capability. This series supports 10GBase-T1 automotive ethernet and integrates IP camera recordings.

In combination with the datalogger, ZD offers the Vehicle Bus Tool – Preview Version, allowing specific CMP configurations and offline analysis with various file formats.

The ZD Datalogger 3 Series features multichannel, multiprotocol high-performance data storage; comprehensive support for automotive ethernet data bypass recording; data to support real-time simultaneous signal monitoring; time synchronization; data filtering and trigger functionality for users' application requirements and

conditions; remote access to data from various locations by connecting to ZD Cloud via wired or wireless internet devices; flexible expansion of the data acquisition module; and efficient and flexible data transfer.

The VBT – Preview Version supports importing bus data description files; trace playback of offline data files and waveform revisit analysis in graphics; import and export of bus format data files (.asc, .blf, .pcap); bus description files; CANdb (\*.dbc); LDF (\*.ldf); and Autosar (\*.arxml) versions: 4.2.1, 4.2.2, 4.3.0.

**Booth 5066**



## ANECHOIC CHAMBERS AND SHIELDED ROOMS

### Albatross Projects RF Technology

Albatross Projects believes that testing, analysis and a protective environment must be 100% dependable.

The company develops, plans and builds highly precise, electromagnetically shielded and absorbent chambers, ensuring clear results and efficient protection, both now and in the future. From kits to turnkey solutions, its modular designs adapt to the specific

needs, products and standards of customers worldwide.

Albatross Projects says it applies the highest standards to materials, construction and installation, guaranteeing a safe investment and secure, convenient use for the long term. It offers long-standing expertise, comprehensive service and a cooperative, reliable work ethic. Meet its highly qualified team at the expo.

**Booth 3024**

