

# Press Release

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## **Shimadzu Launches AUTOGRAPH AGS-V Series Driving test efficiency forward**

Shimadzu, a world leader in analytical instrumentation and testing equipment, announces the European launch of the AUTOGRAPH AGS-V Series, representing a significant evolution of the AGS-X system. With a load capacity of 10 kN and its advanced functionalities, the AGS-V is perfectly suited for quality assurance and quality control in industries such as automotive, electronics, and polymers.

The AGS-V Series embodies Shimadzu's commitment to innovation, safety, and efficiency in testing processes. With a focus on user-friendliness and operational excellence, the AGS-V provides operators with a seamless testing experience.

### **Key features of the AUTOGRAPH AGS-V Series**

- **High operational efficiency**  
Designed specifically for standard tabletop applications, the AGS-V offers a comprehensive test speed range from 0.0005 to 1,500 mm/min, catering to various testing scenarios with a rapid return speed of 1,650 mm/min. This feature significantly accelerates test cycles and increases throughput.
- **Unmatched usability**  
The AGS-V boasts a user-friendly interface with a color LCD touch panel that simplifies operation, while its voice support system guides users through processes, reducing operational errors. Thanks to the automatic jig distance, users do not have to worry about correct positioning.
- **Superior safety enhancements**  
Standardized anti-scattering cover made from high-durability polycarbonate protects operators from debris and ruptured samples. The system's intelligent crosshead ensures operational integrity by preventing collisions through built-in detection capabilities.
- **Extensive measurement capabilities**  
The AGS-V supports comprehensive measurement capabilities with superb test force accuracy and a widened measurement range, eliminating the need for multiple load cell changes. This upgrade simplifies the testing process and improves reproducibility.

- **Advanced data handling**

The AGS-V features rapid data capturing at 5 kHz – the fastest in its class – allowing for precise and timely data acquisition. It can easily connect to external databases, streamlining data management and facilitating enhanced analysis and reporting.

While the AGS-V can be operated as a standalone system, it also operates seamlessly with the TrapeziumX-V software, renowned for its performance, flexibility, and usability. This advanced software improves the testing process, providing users with intuitive control and comprehensive analysis tools to optimize workflows and ensure accurate results.

All these features make the AGS-V particularly suitable for key applications in aerospace and automotive components, electronics, and electrical engineering (cables, foils), as well as for testing chemical materials (plastics, rubber).

The AGS-V Series will be available from June 2025.

#### **Web summary**

Shimadzu announces the launch of the AUTOGRAPH AGS-V Series, an evolution of the AGS-X system designed for quality assurance and control in automotive, electronics, and polymer industries. With a load capacity of 10 kN, advanced functionalities, and compatibility with TrapeziumX-V software, the AGS-V enhances testing performance, usability, and reliability. This innovative system helps manufacturers maintain the highest quality standards and ensures integrity in their production processes. The AGS-V Series will be available from June 2025.



**Figure 1:** Shimadzu's new AUTOGRAPH AGS-V Series

Web link: [www.shimadzu.eu/ags-v](http://www.shimadzu.eu/ags-v)



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