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**For Immediate Release**

Nikon Metrology, Inc.– Americas – Brighton, MI 48116

Hyundai Motor North America – Superior Township, MI 48198

**NIKON'S LARGE-ENVELOPE X-RAY CT SYSTEM INSTALLED IN HYUNDAI  
MOTOR NORTH AMERICA'S NEW SAFETY TEST AND INVESTIGATION  
LABORATORY**



Nikon Metrology, Inc, and Hyundai Motor North America are pleased to announce that Hyundai has purchased and installed Nikon's X-ray computed tomography (CT) system. This represents a significant investment in the success of Hyundai's newly opened \$51.4 million Safety Test and Investigation Laboratory (STIL) in Superior Township, MI.

Nikon's X-ray CT system offers a large scanning volume, multi-source flexibility, dual-detector functionality, and an extensive range of enhancements which together provides users of the system with truly exceptional inspection capabilities.

Hyundai Motor North America utilizes [Nikon's X-ray CT system](#) in their STIL facility for important analytic processes, including nondestructive inspection of components such as air bag inflators, lock mechanisms, seat switches, struts, impellers, and additive parts.

"Having the on-site capabilities to view the inner structures and components of materials and mechanisms through the advanced Nikon X-ray CT system provides Hyundai with detailed datapoints that would otherwise take weeks to evaluate," says Ben Michajlyszyn, director, Safety Test and Investigation Laboratory, Hyundai Motor North America.



### **A Partnership Built on Engineering Excellence**

The successful collaboration between Nikon Metrology and Hyundai Motor North America is the direct result of their mutual commitment to world-class engineering and

manufacturing.

Nikon's X-ray CT systems have been built to handle the most demanding inspection tasks in the manufacturing world, both now and in the years to come. "The multi-tube, multi-detector configuration delivers a highly flexible system capable of producing top-quality results on small, low-density components such as impellers as well as on larger, multi-material assemblies such as airbag inflators. This flexibility to do more on a single system can yield a greater ROI and the ability to adapt to Hyundai's needs as their business and inspection requirements advance," says Chris Peitsch, Global Sales Manager, Nikon Metrology.

Hyundai, in turn, utilizes the X-ray CT system to ensure the quality, safety, and functionality of the components that make their way into Hyundai's award-winning automobiles. Measurement is fast, efficient, and accurate, and the nondestructive nature of the inspection is critical. Using destructive techniques on charged devices such as airbag inflators would represent potential hazards for inspectors on site at the STIL, whose mission is to increase safety for Hyundai customers and employees alike. Nikon's X-ray CT systems are an important part of that effort, and it is representative of the valued, ongoing partnership between Hyundai and Nikon.

#### **ABOUT NIKON METROLOGY, INC.**

Nikon Metrology, Inc. offers the broadest range of metrology solutions for applications ranging from miniature electronics to the largest aircraft. Nikon Metrology's innovative measuring and precision instruments contribute to a high-performance design-through-

manufacturing process that allows manufacturers to deliver premium quality products in a shorter time. Further information is available on [www.industry.nikon.com](http://www.industry.nikon.com)

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**ABOUT HYUNDAI MOTOR NORTH AMERICA**

Hyundai Motor North America offers U.S. consumers a technology-rich lineup of cars, SUVs, and electrified vehicles, while supporting Hyundai Motor Company's Progress for Humanity vision. Hyundai has significant operations in the U.S., including its North American headquarters in California, the Hyundai Motor Manufacturing Alabama assembly plant, the all-new Hyundai Motor Group Metaplant America (in development in Georgia), and several cutting-edge R&D facilities..Further information is available on [www.hyundaiusa.com/](http://www.hyundaiusa.com/)

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