



Save Time



Save Expense



Improve Yields

Semiconductor fabs and OEMs worldwide value the accuracy, precision and versatility of the WaferSense AGS2 – The most efficient and effective wireless measurement device for chamber gapping.



WaferSense®

Auto Gapping System 2™ (AGS2)

WaferSense® Metrology Sensors

Improve Uniformity and Yield with the Wireless WaferSense AGS2 for Accurate and Repeatable Setups.

Speeds non-contact gap measurements and parallelism adjustments under vacuum for semiconductor processes such as thin-film deposition, sputtering and etch.

The Ideal Set-up

Achieve the ideal set-up for your equipment by measuring gaps at three points.

- Quickly achieve exactly the gap you need, using the chamber readings at process pressure in numerical and graphical form, with the easy-to-use Nordson Spectrum software.
- Achieve the best uniformity, whether you need to set a gap that is perfectly parallel or slightly tilted.

Improve Tool-to-tool Process

Improve tool-to-tool process uniformity with objective and repeatable gap adjustments.

- Have peace of mind by taking the human variable out of adjusting your equipment.
- Make the right adjustments time after time.

- Enable anyone to set the same gap across the tools.

Reduce Equipment Calibration

Reduce time through live feedback.

- See the effects of adjustments in real-time.
- Have a clear indication when equipment settings are within tolerance using measurements that can be taken from inside an evacuated process chamber.

Speed Setups

Speed setups, maintenance and troubleshooting with automatic handling.

- Save time and expense.

For more information, speak with your Nordson representative or contact your Nordson regional office

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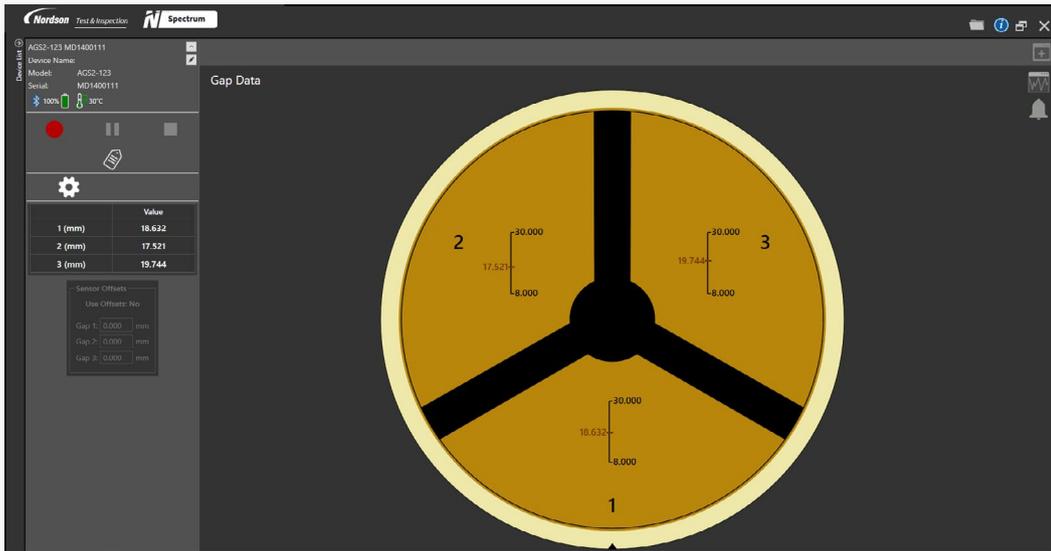
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Nordson Spectrum Software

Displays real-time numerical and graphical data. Easily identify if it is above, below or within the target gap range. View log file data for review and analysis.

Specifications	
Form factor	Available in 200mm and 300mm
Software	Nordson Spectrum
Accuracy	± 0.025 mm for gaps up to 30mm
Housing material	Carbon Fiber
Resolution	<0.001 mm (for <30 mm gap)
Range	8 to 30mm (Standard) , 7 to 50mm (Extended - exploratory)
Weight	250 g (300mm)
Operating pressure	<10 ⁻⁶ to 760 torr
Temperature	20 to 60 °C
Battery-duration	<3 hrs. per charge
Communication	Bluetooth
Operating system	Windows 11
Product components	Gapping measurement device, charging clean case, carrying suitcase, USB communications link module and application software
Calibration	Factory recalibration recommended annually

