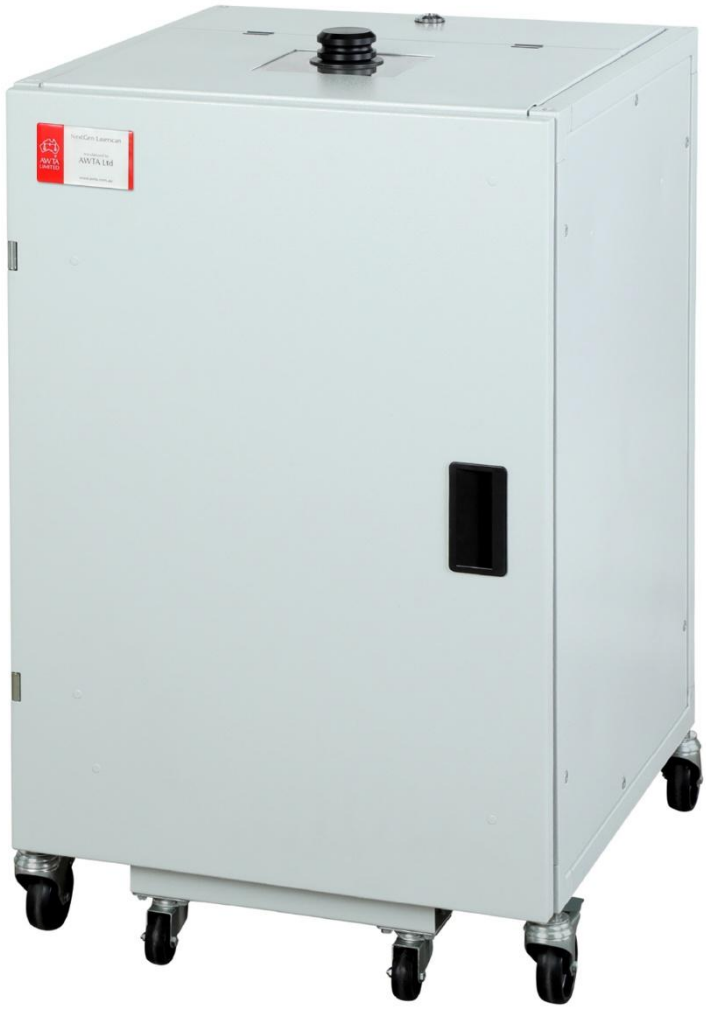
NextGen Laserscan

by AWTA Ltd.



AWTA LIMITED

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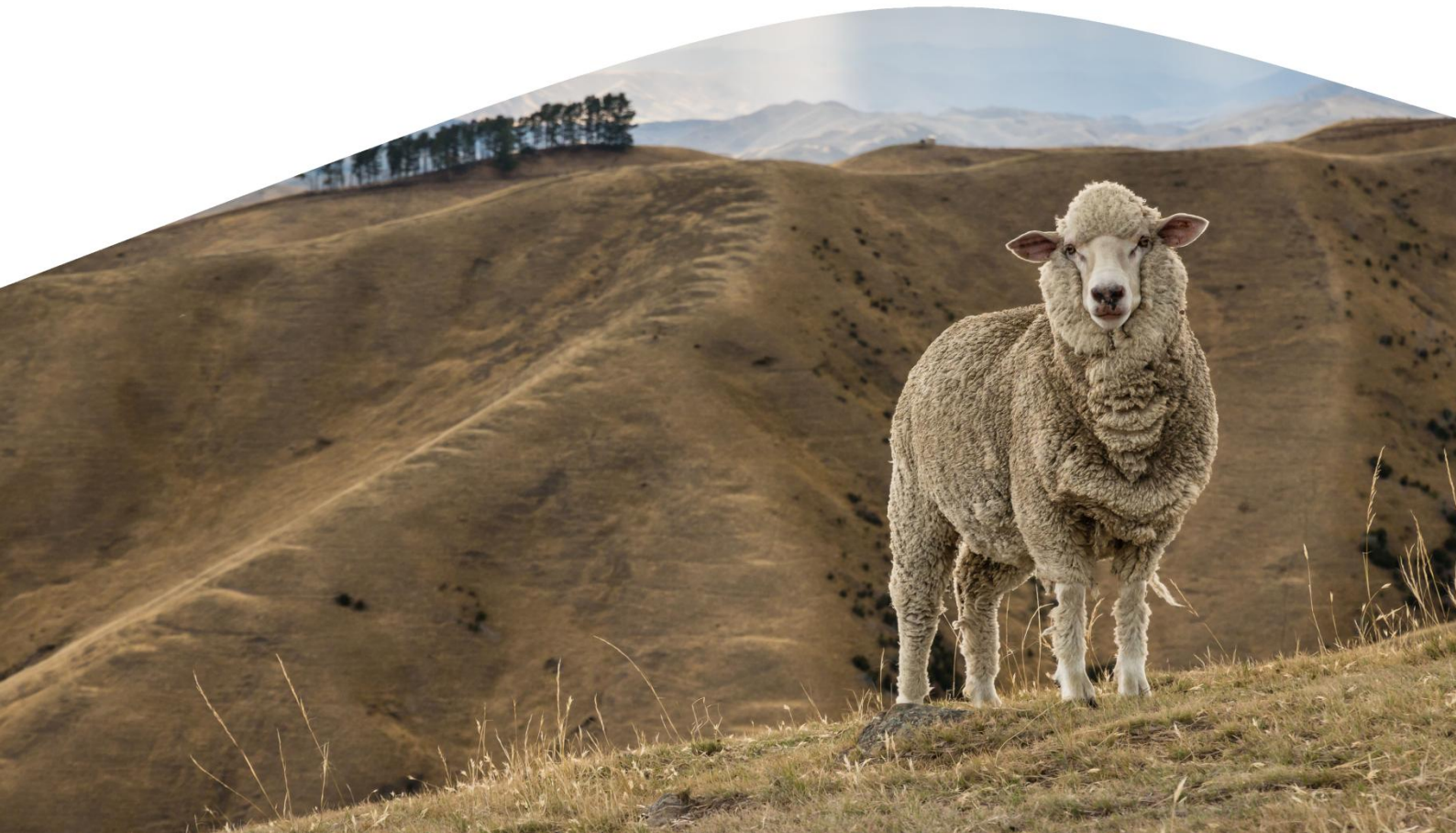
The NextGen Laserscan

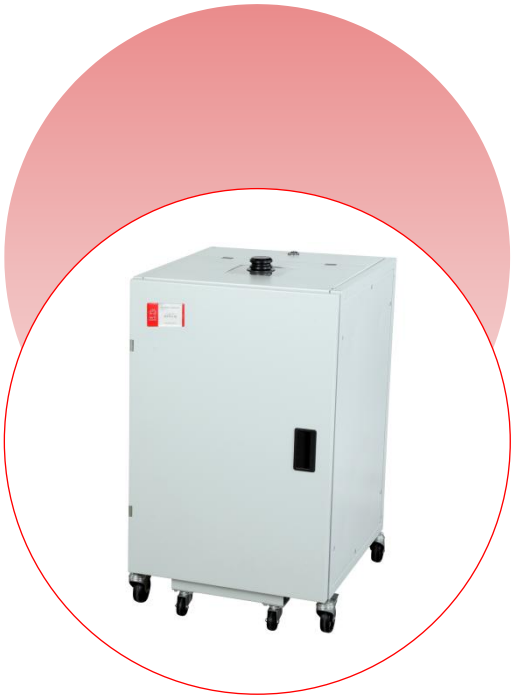
The measurement of wool fibre diameter can be conducted through four distinct methods as delineated by the International Wool Textile Organisation (IWTO). AWTA Ltd employs the IWTO-12 Laserscan fibre diameter analyser method for fibre diameter certification and fleece measurement services.

In 1972, CSIRO initiated the development of the first Laserscan, establishing the foundation and obtaining approval for the method from the IWTO. Subsequently, in 1996, AWTA Ltd acquired the rights to manufecture and sell the Laserscan and continued its further development.

Introduced in 2014, the NextGen Laserscan has swiftly established itself as a cutting-edge technology in the field. Its global clientele spans a diverse range of end users, encompassing universities, mills, government facilities, and more. The market reception of the NextGen Laserscan has been exceptional, attesting to its innovative features and precision in measuring wool fiber diameter. With its widespread adoption, it has become an indispensable tool for various industries and research institutions, setting new standards in fiber measurement and analysis.

Please scan the QR code with your phone or visit our website.





Laserscan

Model: NextGen

Technical Information

The AWTA NextGen Laserscan instrument meets the test standards of the International Wool Textile Organisation standard IWTO-12-2025.

The NextGen Laserscan Model is a cutting edge solution that revolutionises precision measrements with its advanced features and user-frendly design. It boasts seamlessly intergrated electronics, ensuring optimal performance and reliability. Navigating through intricate measurements is a breeze with the simple and easy-to-use user interface, thanks to Laserscan AWIN II software, empowering users of all skill levels. The temperature-controlled cabinet guarantees stable operating conditions, enhancing the accuracy and consistency of your results. Embrace efficiency with the full automatic process, streamlining your workflow and minimising manual intervention. The NextGen Laserscan goes beyond conventional standards by employing a water based transporation fluid, not only promoting environmental sustainability but also contributing to a clean and effcient operation.

Technical Speicifactions

Power				
Input Voltage	100 - 240 V AC 50/60Hz			
Input Current	5 A max			
PC & Software				
Hardware	Intel Core i5 or above	8GB RAM	512GB Storage	1080p Display
OS & Software	Windows 10 or above		Laserscan AWIN II	
Dimensions and Weight				
Dimensions (W x D x H)	550mm x 631mm x 911mm (945mm with lid)			
Weight	130 kg			
Environmental Parameters				
Location	Indoor, no direct sunlight, dust free			
Ambient Temperature	0 °C to 40 °C			
Operating Temperature	17 °C to 23 °C			
Operating Humidity	20% to 80% non-condensing			
Operating Altitude	Up to 2000 m			
Transport Medium	Distilled Water and Surfactant			
Accessories (Optional)				
Surfactant	Teric® 168			
Top Sample Preparation	Guillotine			
Core Sample Preparation	Minicore			
Core Sample Preparation	Snippet Dryer			
Manufacturer Warranty	1 Year			

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