

3D Scanner

About	The 3D scanner is suitable for scanning a variety of objects ranging in size, textures, and complexity. It works by rapidly firing lasers at the object which rebound and are captured to create a mesh. Meshes can then be cleaned, adjusted, and measured in VXElements to be used for redesign, prototyping, and design verification.
Category	Design
Location	Front Room
Brand /Model	Creaform MetraSCAN 3D 750 Elite
Status	AVAILABLE
Materials	- Any solid objects. - Shiny, multicoloured, or dark objects may have some difficulties being scanned. - Dynamic objects will need to be held in place for a successful scan. - Clear or shiny objects will need to be sprayed with talcum powder (available at the Garage), painted over, or covered with tape.



Standard Operating Procedure



Google Apps Sign-in Required

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Training

Sign up for training here: [Training Registration Calendar](#)

Training	Type	Time Estimate	Prerequisites	Checklist/Document
3DS - Training 1	ON-MACHINE	50 min	None	



Documentation



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Safety Data Sheets	N/A
Hazard Assessments	
Application Resources	N/A
Manufacturer's Manuals	