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**

You must login to your uAlberta Google apps account to access these files.

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

> ⚠️ **Google Apps Sign-in Required**
>
> You must login to your uAlberta Google apps account to access these files.

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