EinScan-SP 3D Scanner

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Tool Type: “3D Scanner”
Location: “Innovations Workshop”

Supervisor	Tool Lead
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Description: “3D Scanner”	
Manufacturer: “EinScan”	

About

The SHINNG3D EinScan-SP 3D Scanner is located within Fume Hood #1 under the blackout curtains. A part can be placed on the central turn table which will rotate as the scanner projects light onto the object being scanned. Transparent, reflective, or very dark surfaces are inherently difficult to scan, coating the surface with powder may aid the quality of the scan. Calibration of the 3D scanner can aid in scan accuracy, and should be done before scanning the first object.

Training Documentation

EinScan SOP

Detailed Specifications

Part Volume Requirements: must be larger than 30 x 30 x 30 mm and no larger than 250 x 250 x 250 mm
Part Weight Requirements: must be less than 5 kg
Scan Resolution: .17-.2 mm

Safety Concerns

- Do not look directly into the scanners light projector.
- Do not interfere with turntable or part while scanner is working

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Reference Documentation

einscan-sp_guidebook.pdf

sp-user_manual.pdf

https://www.youtube.com/watch?v=nnU-WNGqDRI&list=PLtJFjqd-EnwvqeVq8h7Jw1bTtG8a0VwQB&index=3&t=0s