

Standard Operating Procedure

Title: SOP-018 3D Scanner

PI: Art Erdman **Lab Location:** Mayo G217

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Hazard Identification:

Physical Danger

Exposure Assessment:

Scanning Light

- Eye Damage
The 3D scanner emits a light that scans the designated object. This light can be quite powerful and intense. If looked at, pain around the eyes can occur. If one continually looks at the light for a long period of time, serious eye damage can occur.

Control Plan:

- Read and become familiar with 3D Scanner's operating procedures before operating
- Scanner should always be off when not in use
- Keep up maintenance on scanner, routinely check for damage
- Always disconnect the scanner from the power source before servicing, repairing, or making any adjustments
- Wear protective eyewear if desired
- Only use 3D scanner on appropriate items approved for scanning

Experimental Procedures:

- Put on eyewear if appropriate
- Check to make sure all parts of scanner are working and functioning properly
- Set up object being scanned in correct starting position
- When ready, turn on 3D scanner and start scan
- Stay clear of area being scanned while scan is taking place
- When finished, turn 3D scanner and put scanned object back in appropriate place
- Check scan for any discrepancies in the scan; if needed, re-scan object

For other inquiries, see User Manual in Appendix.

Waste Management Procedures:

When finished with the 3D scanner, always clean the area. Paper towels and cleaning solution can be found in G217-11 if needed. Dispose of debris appropriately.

Place all materials back in the appropriate place.

Spill and Accident Procedures:

If an accident occurs, report immediately to the lab supervisor (G217-05) or other appropriate staff member. If no one is around, dial 911 on the landline phone near the door of G217-11 to reach the campus police. The lab first aid kit is located on the wall near the sink. A first aid pamphlet from DEHS is located in all of the MDC's first aid kits.

Appendix:



User's Guide: Oct 29, 2009

Additional information online at:
<http://support.nextengine.com>

