

Materials List for:

Medical-grade Sterilizable Target for Fluid-immersed Fetoscope Optical Distortion Calibration

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Materials

Name	Company	Catalog Number	Comments
1.2 mm Metal sheet 316 Grade, 40 mm by 40 mm			
Water container at least 50 mm by 50 mm by 30 mm			
A sterilization package			
Saline water			
Manual metal cutter			
A file to round up the corners			
A wooden or metal block 50 mm by 50 mm at least 10 mm thick			
A vice (desirable but not required)			
Sand Blasting machine			
GUI application to create .dxf file with the pattern			https://github.com/gift-surg/endocal
PC			
Laser Cutter			
Autoclave			
An endoscope calibration software			from GitHub: https://github.com/gift-surg/endocal
Endoscope			
OpenCV camera calibration module			http://docs.opencv.org/2.4/doc/tutorials/calib3d/camera_calibration/camera_calibration.html
Safety goggles			
A lab coat			
A ruler and a marker			
Alcohol (preferably ethanol) for dust removal and cleaning			