

Materials List for:

Recording Ultra-Realistic Full-Color Analog Holograms for Use in a Moving Hologram Display

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Materials

Name	Company	Catalog Number	Comments
Black marker	Monami	Magic Cap	
FDM monochrome 3D printer	Anet	A8	
Holographic bleach	Ultimate Holography	BLEACH-1L	Non-toxic
Holographic developer	Ultimate Holography	REV-U08-1.2	Non-toxic
Holographic plates	Ultimate Holography	U04P-VICOL-4X5	Light-sensitive
Laser (DPSS 532 nm 100 mW)	Cobolt	Samba	Follow safety practices
Laser (DPSS 473 nm 50 mW)	Cobolt	Blue	Follow safety practices
Laser (HeNe 633 nm 21 mW)	Thorlabs	HNL210L	Follow safety practices
Laser power meter	Sanwa	LP1	
Matte black spray paint	Plasti-kote	3101	
Microscope objective	Edmund Optics	40X 0.65 NA	
Pinhole	Edmund Optics	10 µm	
Spatial Filter Movement	Edmund Optics	39-976	
UV glue	Vitalit	6127	Use gloves
Wetting agent	Kodak	Photo-Flo	
White PLA filament	Hatchbox	PLA-1KG1.75-BLK	
X-cube	Edmund Optics	54-823	