

Materials List for:

# Impacts of Free-falling Spheres on a Deep Liquid Pool with Altered Fluid and Impactor Surface Conditions

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## Materials

Name	Company	Catalog Number	Comments
3D Printer	FlashForge	Creator Pro	Dual Extrusion
Alcohol	Swan	M314	99% Isopropyl
BNC Cables	Thorlabs	2249-C-24	
Caliper	Anytime Tools	203185	Dial
Camera	Photron	Mini AX-100	16GB Ram
Computer	Dell	Windows 7 Pro	
Fabric	Georgia Pacific	19378	Toilet Paper
Fabric	Kleenex	10036000478478	Tissue
Laser Cutter	Glowforge	Basic	
Lights	GS Vitec	LT-V9-15	Multi-LED
Microscope	Keyence	VHX-900F	Digital
Retort Stand	VWR	VWRF08530.083	
Router	ASUS	RT-N12	Off Network
Ruler	Westcott	10432	Meter Ruler
Software	Open-Source	Tracker	Video Analysis
Software	Photron	Fastcam Viewer	Video Recording
Sphere	Amazon	8DELSET	Delrin
Spray	Rust-Oleum	274232	Water Repelling
Surfactant	Dawn	37000973782	Liquid Soap
Surfactant	USP Kosher	5 Gallons	Glycerin
Tensile Tester	MTS	Model 42	
Trigger Switch	Custom Made		
Water Tank	Mr. Aqua	MA-730	Non-Tempered Glass