

Tools and Documentation

3D printing and laser cutters

Tool	Location	Training SOP
FormLabs Form 2/3 SLA 3D Printer	IW 2448 FH #2	Form 2/3 SOP
FormCure UV Curing Station	IW 2448	Form 2/3 SOP
Form Wash Cleaner	IW 2448 FH #2	Form 2/3 Training SOP
Taz 3 Bio Printer		
3D Print Water Jet Cleaning Station	mFL 3430	Objet 30 Users Outline and SOP
Ultimaker3/S5 Extended Dual FDM 3D Printer	IW 2448	FDM Training
Stratsys F270 FDM 3D Printer	IW 2442	FDM Training
Trotec Speedy 100	mFL 3430	Laser cutting SOP
SCA 1200 HT NaOH parts bath	IW 2442	FDM Training
Rayjet 300 150W Laser Cutter	IW 2448	Laser Cutter SOP
Stratasys Objet30 Pro Polyjet 3D Printer	mFL 3430	Objet 30 Users Outline and SOP
MiiCraft 50 DLP 3D Printer	IW 2442	Miicraft 50 SOP
CriCut	IW 2448	Cricut Maker Training

PDMS processing and Microfluidics Tools

Tool	Location	Training SOP
Laurell WS-650M Spin Coater	mFL 3430	
Thinky ARE-310 Mixer	mFL 3430	
Vacuum Oven	mFL 3430	Laboratory Oven SOP
Neytech Qex Furnace	mFL 3430	
Pressure Casting Chamber		
Thermoline 1315M Furnace	mFL 3430	
Optical Microfluidics Punch	mFL 3430	
Yamato DKN400 Convection Oven	mFL 3430	Laboratory Oven SOP
Lindberg Blue M Convection Oven	mFL 3430	Laboratory Oven SOP
Thermoline/Lindberg Blue M Oven	IW 2448	Laboratory Oven SOP
Droplet Microfluidics Workstation	mFL 3430	
Electro-Technic BD-20AC Corona Treater	mFL 3430	
36W 365 nm UV Exposure System	mFL 3430	
UV Exposure System	mFL 3430	
Novascan Ozone Cleaner	mFL 3430	Ozone Cleaner SOP
Harrick Plasma Cleaner PDC-32G	mFL 3430	Plasma Cleaner SOP
New Era Syringe Pumps	mFL 3430	

Microscopes, measurement and inspection tools

Tool	Location	Training SOP
Keyence VHX-5000 Microscope	mFL 3430	Keyence Microscope Training SOP

Tool	Location	Training SOP
Digital Microscope		
Olympus AX-70	mFL 3430	
Electronic Scales	mFL 3430/IW 2448	
Height Gauge	mFL 3430	
Fisher Acumet pH Meter	mFL 3430	
Cascade REL 4800 Probe Station	mFL 3430	
Thermal Camera		
Boroscope		
Phantom VR211 High Speed Camera	mFL 3430	
Canon Camera	IW 2448	
Nikon Camera	IW 2448	
EinScan-SP 3D Scanner	IW 2448	EinScan-SP Training SOP

Metalworking and woodworking tools

Tool	Location	Training SOP
bandsaw	IW 2448	Bandsaw Safe Operating Procedure
Carbide 3D Nomad	IW 2448	Carbide 3D Training SOP
ShopBot Desktop CNC Router	IW 2448	ShopBot Desktop Training SOP
Mini Drill Press	IW 2442	Cnsi Drill Press SOP
Jig Saw	IW 2448	
Diamond Saw	mFL 3430	Dimond TrimSaw 2 Training SOP
Flashcut / Sherline CNC Mill	mFL 3430	
WEN vertical Drill Press	IW 2448	Cnsi Drill Press SOP
Delta 6" bench grinder	IW 2448	CNSI Innovation Workshop Benchtop Grinder User Outline
Grizzly bench Combo Disk/Belt Sander	IW 2448	CNSI Innovation Workshop Grizzly H8192 Combination Belt/Disk Sander User Outline
Precision Matthews Milling Machine	IW 2448	Manual Milling Machine Training SOP
Haas Super Mini Mill	mFL 3430	Haas Super Mini Mill Training SOP
Festool Miter Saw	IW 2448	Miter Saw Training SOP
Arbor Press		
lathe		

Electronics tools

Tool	Location	Training SOP
Xytronic LF-853D soldering station	IW 2448	
Oscilloscope	IW 2448	
Power Supplies	IW 2448	
Digital Volt Meter	IW 2448	

Deposition (silane and Sonoplot)

Tool	Location	Training SOP
Sonoplot Multimaterial Writer	mFL 3430	
Vapor Silanation Rig	mFL 3430	Vapor Silanation Rig SOP
Spraybase Electrospinning / Spraying Tool		
PRIMO	mFL 3430	
Pipette Cutter	mFL 3430	

Packaging and assembly (alignment tool, punch, fitting assembly tool)

Tool	Location	Training SOP
Arbor Press		NA
Optical Alignment Tool	mFL 3430	
Biopsy Punch	mFL 3430	NA
Hot Press	mFL 3430	NA
Droplet Workstation		
Laser Welder	mFL 3430	NA
Corning 6795-620D Hot Plate	mFL 3430	NA

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