

Model Name	Equipment Category	Location	Contact (Owner)	Technical Specifications	Consumables	Image
GCC Jaguar II	Cutting Plotter	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt			
Portlaser X252	Laser Cut	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	80W CO ₂ laser cut and engraver; work area 635 mm x 458 mm; Max acrylic cut 10mm	Wood, Acrylic, fabric	
Ultimaker 3 Extended	FDM 3D Printer	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	Double extruder: 197 x 215 x 300 mm; Filament diameter 2.85mm; Layer resolution: 0.4mm nozzle: 20-200 microns; Nozzle temperature: 180-280 °C	PLA, PVA, TPU, CPE and Nylon	
Anycubic Kobra Max	FDM 3D Printer	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	Single extruder: 450 x 400 x 400 mm; Filament diameter 1.75mm; Layer resolution: 0.4mm nozzle: 50-300 microns; Nozzle temperature: 180-260 °C	PLA, PETG, TPU	
BAMBU LAB A1 Mini	FDM 3D Printer	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	Single extruder: 180 x 180 x 180 mm; Filament diameter 1.75mm; Layer resolution: 0.4mm nozzle: 50-300 microns; Nozzle temperature: up to 300 °C	PLA, PETG, TPU	
ELEGOO Saturn 4 Ultra	RESIN 3D Printer	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	10-inch 12K Mono LCD; resolution of 11520 × 5120 and an XY resolution of 19 × 24 µm	Resin	
legoo Mercury Plus V3	Wash and Cure 2 in 1	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	Wash and Cure 2 in 1; 360° All-Round Curing		
FLIR C3 camera	Compact IR Thermal Camera	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	Accuracy: ±2°C (±3.6°F) or ±2%, whichever is greater, at 25°C (77°F) nominal; Object Temperature Range: -10°C to 150°C (14°F to 302°F); Color Palettes: Iron, Rainbow, Rainbow HC, Gray		
3D Sense 3D SYSTEMS	Scanner	IPB	Campus de Santa Apolónia, IPB (Portugal) 5300-253 Bragança; jrocha@ipb.pt	Technology: It uses an invisible infrared (IR) light projector combined with capture cameras to triangulate points on the object's surface and create a polygon mesh. Volume Capacity: It is ideal for scanning medium to large objects (such as human busts, full bodies, or bags). Due to the sensor resolution of its era, it is not recommended for high-precision mechanical parts or very small, detailed objects like screws or miniatures.		