



POLITECNICO
MILANO 1863

LaborA modellistica fisica e virtuale
Campus Bonardi - building 16A
via Ampère, 2 - 20133 Milano

EQUIPMENT IDENTIFICATION

Name	Description	Model	Manufacturer	Serial n°	Year	Supplier
laboraULT01	3D Printer	S5 Pro Bundle	Ultimaker	BPP-030371-095127	2019	3DITALY

TECHNICAL SPECIFICATIONS

Power	Weight					
500 Watt max	42 Kg					

Notes: filament printer with dual extruder - extruding surface dimensions 330 x 240 mm - maximum height from surface 300 mm - equipped with Air Manager filter and Material Station for automatic load of filaments

IMAGE



OPERATING INSTRUCTIONS

- 1 - Only extrude filaments compatible with the type of nozzle mounted on the extruder
- 2 - Check that the machine surface is clean and clear from waste materials
- 3 - Turn on the machine
- 4 - Load the file remotely or with a USB flash drive
- 5 - Start the print from the control panel of the machine
- 6 - At the end of the extrusion remove the printed piece from the surface
- 7 - Remove any leftovers from the surface
- 8 - Turn off the machine
- 9 - In case of malfunctioning or incidents turn off the machine by disconnecting the power supply

AUTHORISED MACHINE OPERATORS

Laboratory staff or collaborators adequately educated and trained for use

PPE - PERSONAL PROTECTION EQUIPMENT

No PPE requested	

POTENTIAL DANGERS

Burning hazard	



PROHIBITIONS

Forbidden to remove protective devices	
Forbidden to perform maintenance with moving parts	



AUTHORISED MAINTENANCE OPERATORS

ORDINARY	Laboratory staff adequately educated and trained
EXTRAORDINARY	Specialised external personnel