

M3 / M3 Max Installation Qualification Form

V01.00
22 AUGUST 2023

Overview

Use this form to verify installation of your M3 or M3 Max printer. Print this document and fill it out during installation so that you have a record.

1. General information

Company name	
Installation address	
Primary installation contact	
Other installing contact (1)	
Other installing contact (2)	
Other installing contact (3)	
Other installing contact (4)	

2. Installation checkpoints

Printer UI can be reached through the local network.	Pass	Fail
Touchscreen operation		
Each left-hand navigation button is responsive and navigates to the appropriate screen	Pass	Fail
Within the Settings menu, clicking on the right-hand arrow of each row navigates to the appropriate settings sub-menu	Pass	Fail
Door opens and closes fully with no alerts thrown	Pass	Fail
Platforms and cassettes are detected when loaded	Pass	Fail
E-stop halts printer functionality, arresting all actuators and disallowing a print from starting	Pass	Fail
Service door springs open when engaged via 8 mm allen wrench socket	Pass	Fail
Opening the service door arrests printer functionality in the same manner as the E-stop	Pass	Fail
Service door closes fully and latches when firmly shut, returning printer door and platform motor functionality and allowing prints to start	Pass	Fail
An air print 15 minutes or more in duration completes successfully with no alerts (red or yellow banners on the display)	Pass	Fail
Printer displays no alerts (red or yellow banners on the display) that are <u>not</u> addressable by the user in idle (see note below)	Pass	Fail

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Note: Certain alerts indicate superficial problems that can be easily resolved by the user – these include:

- Those with steps noted in the [M3 / Max Alerts Troubleshooting Guide](#), displaying the following descriptive text:
 - “System air pressure [near zero | low | high]. Check external compressor or pressurized air source at the printer.”
 - “Seat [front | rear] heater glass. If already fully inserted, carefully check placement.”
 - “Platform unable to actuate. Try cycling the door button several times to see if the issue persists.”
 - “E-stop pressed – system power limited”
 - “Service door is open. Close service door to enable normal operation.”
- Certain network-related alerts, displaying the following descriptive text:
 - “Ethernet cable not working”
 - “No IP address. Check your network”
 - “Check proxy username and password”
 - “Check proxy server settings”
 - “Attempting to connect to Carbon...”
- If you’re using an external oxygen source for your printer, those related to that source and displaying the following descriptive text:
 - “Oxygen inlet [probably disconnected | pressure too high | pressure too low | partial pressure fault]. Check external oxygen source.”
 - “Oxygen source changed. Reboot printer”