

Care and Use – Colorado M-series

Operator maintenance

Incident-based (quality problems, paper jam, crash)



Automatic maintenance - without nozzle optimization:

1. Start automatic maintenance on the operator panel.
2. The printer performs a purge and wipe to clean the nozzles.



Automatic maintenance - with nozzle optimization:

1. Start automatic maintenance on the operator panel.
2. The printer performs a purge and wipe to clean the nozzles.
3. Print a nozzle optimization chart to automatically optimize the nozzles.



Manual maintenance - with nozzle optimization:

1. Start manual maintenance on the operator panel.
2. Perform any or all of the listed actions:
 - Clean the maintenance station.
 - Clean the matrix plate area.
 - Clean the MC scanner.
 - Clean the platen.
 - Clean the buffer plate.
3. The printer performs a purge and wipe to clean the nozzles.
4. Print a nozzle optimization chart to automatically optimize the nozzles.

When indicated on the operator panel



Periodic maintenance

1. Start periodic maintenance on the operator panel.
2. Perform the actions listed on the operator panel:
 - Clean the maintenance station.
 - Clean the matrix plate area.
 - Clean the mirrors.
 - Clean the MC scanner.
 - Clean the platen.
 - Clean the buffer plate.
 - Vacuum the chiller and check the fluid level.
3. Clean the ink unit (if necessary).
4. The printer performs a purge and wipe to clean the nozzles.

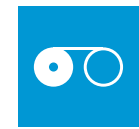
Needed when indicated on the operator panel



Refill ink.



Replace the maintenance tray.



Replace the tissue cassette.



Replace the aerosol filters.



Replace the filters.



Replace the lubricators.



Replace the knife.

Note: This is not indicated on the operator panel, but can be initiated when the knife is blunt and does not cut correctly.

For a detailed explanation see the Colorado M-series Extended operation guide.



Maintenance materials

Material	Used for
Prescribed Colorado M-series gloves	Handling UVgel ink.
Cleaning liquid (IPA)	Cleaning ink pollution on non-heated surfaces, such as the platen, maintenance station, maintenance tray, drawer, ink unit, MC scanner, ruler.
Cleaning liquid (cleaner MB - methyl benzoate)	Cleaning ink pollution on heated surfaces: the matrix plate only. Used only with swabs.
Lint free cloths	Cleaning the printer.
Prescribed Colorado M-series swabs	Cleaning pollution on surfaces such as the maintenance station, matrix plate etc.
Wooden picks and scraper	Cleaning the platen.
Rough lint free cloth	Cleaning the platen.
Compressed air duster	Cleaning the platen.
Torx-25 screwdriver	Opening customer-accessible covers.
Pouring can	Refilling the chiller.
Demineralized water	Refilling the chiller and cleaning the mirrors.
Torx-6 screwdriver	Replacing the knife.
Torx-20 screwdriver	Replacing a drive gear and a bracket with lubricators.
Maintenance tray	Replacing a full maintenance tray.
Filters	Replacing saturated filters.
Knife	Replacing a blunt embedded knife.
Bracket with two lubricators and pins	Replacing the lubricators.
Tissue cassette	Replacing the tissue cassette.
Aerosol filters	Replacing the saturated aerosol filters.

For a complete list see the Colorado M-series Extended operation guide.

Clean ink pollution on the printer



1. Make sure the printer is not printing and there is no media on the platen.
2. Put on the prescribed gloves.
3. Clean the polluted part with a lint free cloth or swabs, use as many as necessary.
4. If necessary, dampen the cloth or swab with the cleaning liquid prescribed for the polluted part.
5. If necessary, wipe with a dry cloth and let the liquid evaporate.
6. Dispose the gloves and other maintenance materials as chemical waste according to local regulations.

Work safe



CAUTION



- Read and follow the safety information guidelines in the safety chapter of the Operation Guide and safety data sheets (SDS) in order to ensure maximum safety.
- Avoid skin contact with ink and uncured printed media.
- When ink contacts your skin, clean immediately with soap and water. Do not use alcohol or other solvents.
- When ink contacts your eyes, flush with water, consult the safety data sheet and contact a doctor.
- Wear the prescribed gloves when contact with ink or maintenance materials is possible. Gloves should always overlap sleeves. Follow the Safety Data Sheets (SDS) guidelines carefully in order to ensure maximum safety.
- Do not reuse single-use gloves.
- Do not use compressed air on parts other than the platen.
- All waste containing uncured or partly cured UV ink is hazardous and must be disposed of separately according to local regulations. Do not mix ink waste with non-hazardous waste (household, office, etc.). Do not allow it to reach sewage systems or drinking water supplies. Ink waste includes maintenance pads and cloths, gloves and any other material containing uncured or partly cured UV ink.

Additional information

Support phone numbers

Service:
Consumables:

Printer information

Serial number:
Install date:



Instruction videos



Extended operation guide

Manuals and product information: downloads.cpp.canon, or via the help button [?] in the settings editor.