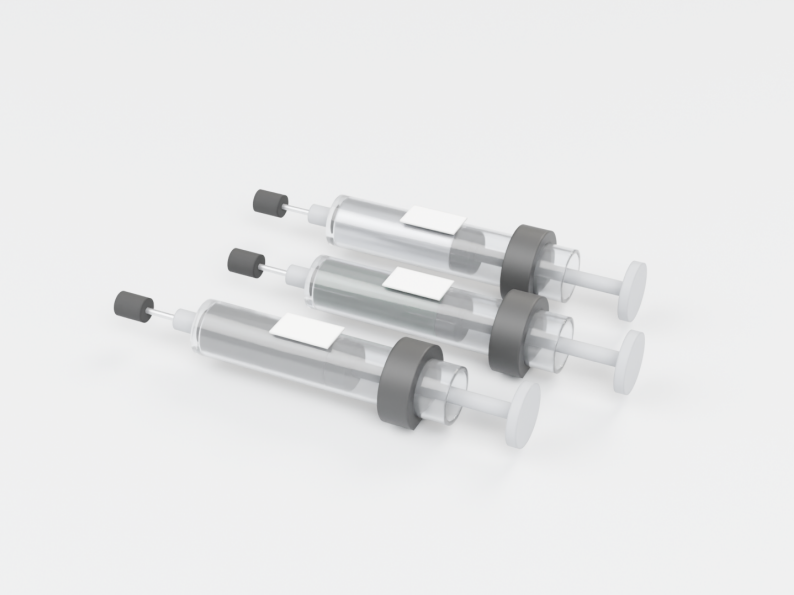
Ink and paste cartridges: User Guide

CRT-3 | Blaide product line | 17 November 2026 | Design only: nothing built or tested | Draft



Using it

- **1.** Take the cartridge from the fridge 15 minutes before use.
- **2.** Lift the printer lid and pull the old cartridge straight up.
- **3.** Remove the tip cap and fit a nozzle of the size on the label.
- **4.** Lower the cartridge into the dispenser with the flat side facing you until it clicks.
- **5.** Close the lid. The app prints and measures a test line to set the flow.
- **6.** After the job, wipe the tip, cap it, and return silver and paste cartridges to the fridge.

Safety

Hazard	Protection	What you must do
Skin and eye contact with ink	Sealed barrel, tip cap	Wear gloves when changing nozzles; follow the ink's safety sheet (ink not yet chosen)
Solvent vapour	Printer exhaust and filter	Use in a ventilated room
Expired ink giving open circuits	Use-by date on the label	Machine cannot detect age; user must check

Specification

Parameter	Target
Barrel	3 mL, 85 x 16 x 14 mm overall
Fills	2 mL silver or via paste; 3 mL dielectric, mask, solder paste
Key	Collar with one flat: seats one way
Identity	Resistor to ground, seven codes from 1 k to 100 k
Shelf life target	180 days chilled for silver and paste; 365 days for dielectric and mask
Storage	2 to 8 C, capped, tip up