

CITRONIX ci5000 SERIES CIJ INKJET PRINTER

Industrial Continuous Inkjet Printers

The ci5000 Series printer is the latest evolution of the Citronix printer range. It continues to build on Citronix's core values of Simple, Capable, Reliable and Excellent Value and reaffirms Citronix's position as a leading continuous inkjet manufacturer.

Citronix printers are designed to meet some of the most demanding coding and marking applications across industries such as food and beverage, extrusion, cable and wire, cosmetics, pharmaceutical and health care, electronic components, automotive, construction and other industrial sectors.

Every ci5000 model is built using the same components to the same high standards. This makes it simple to upgrade your printer as your business grows.

FEATURES AND BENEFITS

- 10.1" capacitive touchscreen display with abuse resistant tempered glass and easy to use menu system.
- Single-board electronics for reliability and easy support.
- IP55 environmental protection with 316 stainless steel cabinet as standard.
- Positive air pressure in printhead to reduce ingress of dust.
- Enhanced print quality, with PrecisionPlus drop control.
- 8,000 hours (or 18 months) before routine service with ciEasyServ – quick and easy tool free service module.
- Fluidics with large ink bottles, large tanks, better viscosity control and integrated manifold.
- SmartFlush Automated printhead flush procedure during shutdown ensures reliable, clean start ups.
- IP65 rated quick connects ports for photocells, encoders and alarm beacons.
- Standard on-board USB and SD Card ports for fast simple backup/restore functionality.
- Online HELP database.



The intuitive user interface and 10.1" capacitive touchscreen is the easiest to learn and use in the industry.



Industry leading Total Cost of Ownership with make up consumption as low as 2ml/hour & service interval up to 18 months/8,000 hours, combined with standard 30 months warranty.

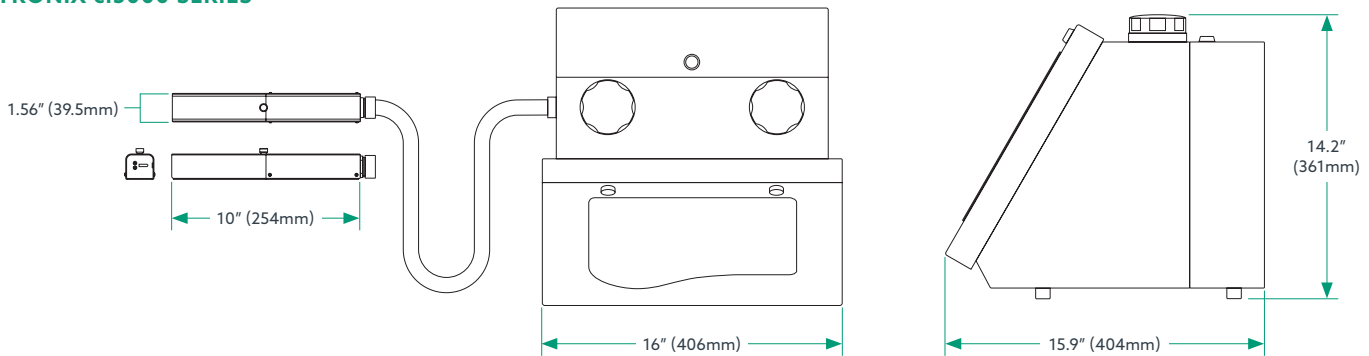


Singular main CPU board minimizes points of failure and external IP65 rated connectors make it simple to connect accessories, such as encoder, photocells and more.

STANDARD PRODUCT SPECIFICATIONS

Power	90-240V (3 Amp) Auto-ranging: 50-60Hz	Ink Bottles	750ml (Error-proof Ink and Make Up)
Operating Temperature	41°F to 113°F (5°C to 45°C) Ink dependent	Lines of Print	1 - 5 Lines (Dependent on Model)
Operating Humidity	10 - 90% Non-condensing	Character Height	0.059" (1.5mm) to 0.47" (12mm)
Tank Size	1.9L (Ink Tank) / 2.25L (Make Up Tank)	Font Height	5 to 31 Dots
Inputs	2 (Photocell) / 1 (Shaft Encoder) / 8 (Programmable)	Nozzle Size	65µ
Outputs	3 (Programmable Alarms) / 1 (Relay)	Line Speed	Up to 9.8 m/s (at 5 drop at 50 dpi)
IP Rating	IP55 (ci5000, ci5000-A, ci5000-P) / IP65 (ci5650)	Drop Size	Variable Drop Size

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CITRONIX SERIES	ci5000*	ci5000-A	ci5000-P	ci5650
	Standard	High-Performance	High-Performance Pigment	Harsh Environment
Assumed Usage	3,000 - 8,000 (hrs/year)	3,000 - 8,000 (hrs/year)	3,000 - 8,000 (hrs/year)	3,000 - 8,000 (hrs/year)
Lines of Print	1 - 3 Lines	1 - 5 Lines	1 - 5 Lines	1 - 5 Lines
Character Height	0.059" (1.5mm) to 0.47" (12mm)	0.059" (1.5mm) to 0.47" (12mm)	0.059" (1.5mm) to 0.47" (12mm)	0.059" (1.5mm) to 0.47" (12mm)
Font Height	5 to 25 Dots	5 to 31 Dots	5 to 31 Dots	5 to 31 Dots
Pigmented Inks			●	●
PixelPlus	●	●	●	●
ciPrecision Plus	●	●	●	●
ciEasyServ	●	●	●	●
Smart Flush	●	●	●	●
ciLink/Ethernet		●	●	●
SD/USB/RS232	●	●	●	●
IP Rating	IP55	IP55	IP55	IP65
Cabinet	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel

* Note: ci5000 series printers can be easily upgraded to ci5000-A or ci5000-P by purchasing a firmware upgrade.