

Appendix 1: Technical Parameters

Table 1-1 General Parameters

Item	Parameter
Voltage and frequency	100-240 VAC, 50/60 Hz
Power	210 VA
Laser power	Adjustable 0-5 W
Software language supported	Multiple languages E.g : Simplified Chinese, English, Russian, German and Polski
OS compatible with the computer software	Windows 7, Windows 10, Windows 11, Linux, macOS
Dust removal	Built-in activated carbon purification system
Operating temperature range	+10°C to +35°C
Transport and storage temperature range	0°C to +50°C
Operating relative humidity range	10% to 80% (non-condensing)
Relative humidity for transport and storage	10% to max. 85% (non-condensing)
Operating altitude	Up to 2500 m above sea level
A-weighted sound level	< 60 db(A)
Degree of protection	IP20
Contamination level	II

Table 1-2 Printing Parameters

Item	Parameter
Print technology	Non-contact laser printing technology
Print method	Ready to use, no need for preheating, ribbon, and ink cartridges
Print speed	Up to 2.5 seconds/cassette (depending on the content)
Enter content	Numbers, characters in multiple languages, 1D & 2D barcodes and graphics (bitmap formats supported by the current system: .DXF, .SVG and .PLT)
Maximum print resolution	2500 dpi

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Print color	Black
Print Template	The inclined surface of the cassette can be selected for multi-template printing in both positive and negative directions
Print effect	Resistant to acid, alkali, xylene, formalin, alcohol corrosion, and friction.
Print angle	35°- 45°
Print range	Print with zero margins

Table 1-3 Parameters of Hardware and Software

Item	Parameter
Display	8.0 inches
Screen resolution	800*1280
Software	Dynamically displays the operation processes and designed with HCI
USB interface	2*USB 2.0, 1*USB 3.0
Ethernet	2*LAN
System interface	LIS, HIS, PIS, PACS
USB Rated Input/Output Voltage	USB2.0: 5V, USB3.0: 5V

Table 1-4 Device Parameters

Item	Parameter - C100	Parameter - C10
Net weight (kg)	30 , ±5%	28.5 , ±5%
Dimension, without packaging (W×D×H, mm)	420 × 405 × 415, ±5%	
Outer packing box: wooden crate (W×D×H, mm)	790 × 560 × 790, ±5%	
Enclosure color	Medical white matte black	

Table 1-5 Loading and Unloading

Item	Parameter - C100	Parameter - C10
Output	Up to 100 cassettes	Continuous
Organizer tray	Yes	No
Embedded scanner	Yes	No
Colour recognition	Yes	No
Cassette size (L×W×H, mm)	Compatible maximum size: 45.0×29.0×8.0	
Cassette type	Cassette without lid, split cassette with lid, conjoined cassette with lid (printing with lid closed)	
Operating mode of the magazines	Auto-rotate clockwise	
Size of standard magazine (mm)	55 × 33 × 102, ±5%	
Size of compatible magazine (mm)	60 × 62 × 563, ±5%	
Maximum capacity of standard magazine	Up to 600 cassettes (cassette height < 5 mm)	
Maximum capacity of compatible magazine	Up to 450 cassettes (cassette height < 7 mm) Up to 510 cassettes (cassette height < 5 mm)	
Cassette output method	Automatically push out the cassettes to the right, cassettes are neatly arranged	