
Tissue-Tek xPrint® LP

Laser Cassette Printer

*Imagine... seamless connectivity
for a future-proof lab*



continuous innovation for pathology







Embrace premium-quality printing

Access improved identification of tissue samples in your lab with the Tissue-Tek xPrint® LP Laser Cassette Printer. Equipped with a range of cutting-edge features, this laser cassette printer contributes to ensuring reliable specimen traceability while serving as a future-proof asset for your laboratory.

Enhanced connectivity

Thanks to its compatibility with Laboratory Information Systems, the Tissue-Tek xPrint LP can be seamlessly integrated into your workflow, enabling you to standardise the workflow in your lab. The laser cassette printer serves as a connecting link in your laboratory, supporting an uninterrupted stream between the numerous steps of tissue processing. Operate the printer via the touchscreen, or while directly connected to a computer. The xPrint LP can be adjusted to the needs of the lab.

The xPrint LP is compatible with the Tissue-Tek AutoTEC® a120; designed specifically for use with Tissue-Tek® Paraform® cassettes, this laser cassette printer forms a perfect combination with our automated tissue embedding system while also being suitable for a range of external cassettes.

Laser technology for premium printing

Utilising zero-contact cold laser beams, the xPrint LP produces permanent crisp markings on several cassette types of up to 100 characters in a single barcode that are highly resistant to processing solvents, heat and scratches. Access high-definition prints of up to 2500 dpi and welcome digitalisation into your lab.

Ultimate speed

With a printing speed of up to 2.5 seconds per cassette, the Tissue-Tek xPrint LP allows you to print on your cassettes with a push of a button whenever the need arises.

No consumables required

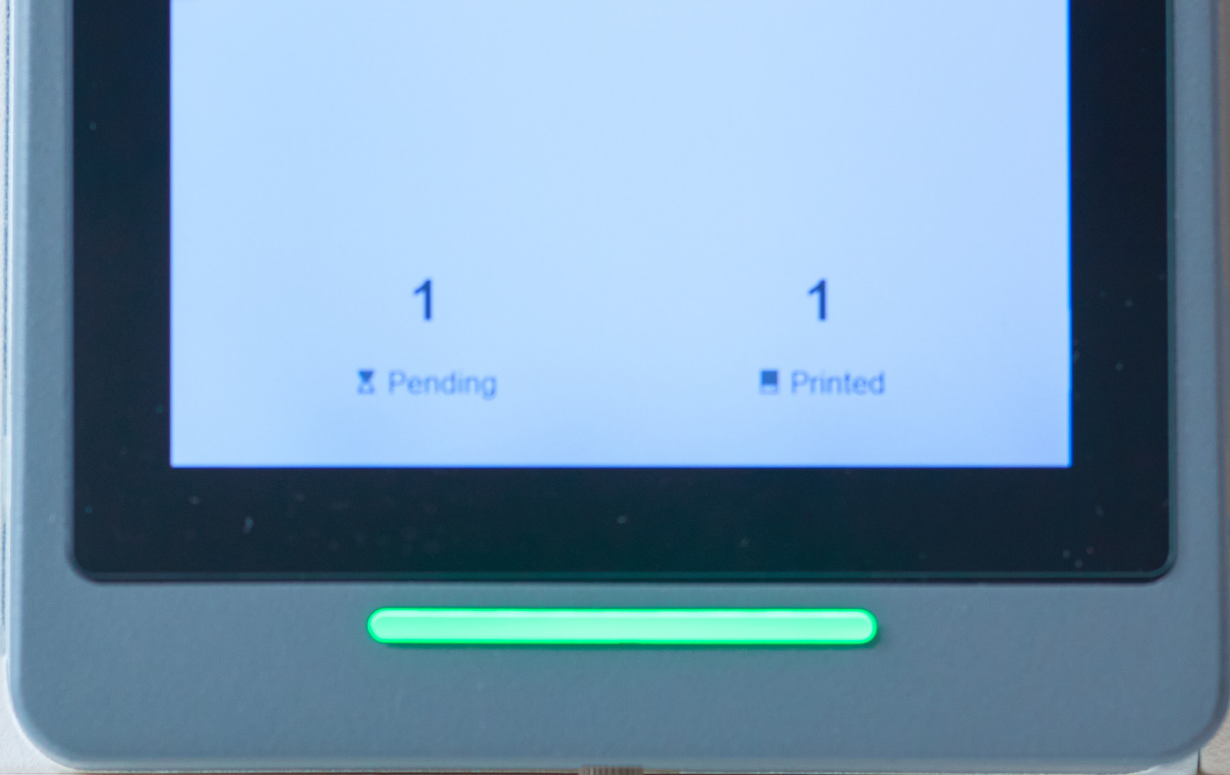
The cold laser printing technology eliminates the need for bulky consumables such as ink cartridges, ribbons and light bulbs - plug in the xPrint LP in and start printing immediately. Mark your cassettes with reduced maintenance downtime and limited extra costs.

Ultimate design for ultimate convenience

- Featuring six aircraft-grade alloy magazines, the printer can store up to 450 cassettes at once.
- The dimensions of the printer allow optimal space utilisation; xPrint LP can be placed on the grossing station for a more seamless workflow.
- Customisable printing parameters allow you to assign cassettes to different hoppers, adjust print settings based on colour, and set up distinct parameter sets for different cassettes.



Scan to see
the xPrint LP in action



Tissue-Tek xPrint® LP
Laser Cassette Printer

Tissue-Tek xPrint® LP

Laser Cassette Printer

Specifications and ordering information



General

Name and description	Tissue-Tek xPrint® LP Laser Cassette Printer
Itemcode	3200
Dimensions	42 x 40.5 x 41.5 cm without packaging 79 x 56 x 79 cm with packaging
Weight (without accessories)	Instrument: 26 kg Total weight (with wooden crate): 53 kg

Electrical

Rated voltage and current	100-240 VAC, 50/60Hz, Power: 210VA Laser power: <5W
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Environmental

Operational temperature range	+10°C to +35°C
Operational relative humidity	10% to 80% non-condensing
Atmospheric pressure	Up to 2500 meters above sea level
Storage temperature	0°C to +50°C
Storage relative humidity	10% to 85% non-condensing

Base model contents

# In packaging	Item number	Item description
1	3200	Tissue-Tek xPrint® LP Laser Cassette Printer; 100-240 VAC, 50/60 Hz, 210 VA
1	3201	Tissue-Tek xPrint® LP European standard power cord
6	3202	Tissue-Tek xPrint® LP standard hopper
1	3204	Tissue-Tek xPrint® LP dust filter
1	3205	Tissue-Tek xPrint® LP dust cleaner
1	3206	Tissue-Tek xPrint® LP USB flash disk
1	3207	Tissue-Tek xPrint® LP USB network card
1	3208	Tissue-Tek xPrint® LP network cable
10	3209	Tissue-Tek xPrint® LP cassette magazine gap spacer

*documents that are included are left out of this list

Accessory list not in packaging

# In packaging	Item number	Item description
1	3210	Tissue-Tek xPrint® LP UK power cord

User interface

Operating system Linux and macOS compatible

Operating

Load capacity	6 magazines (75 cassettes per magazine)
Print speed	Up to 2.5 seconds per cassette (depending on the printed content)
Filter capacity	30,000 print jobs or 90 days, whichever comes first
Print resolution	Maximum 2500 dpi
Printable objects	Types of cassettes: cassettes with lid (print with lid closed only)* cassettes without lid
Print formats	35° angled cassette, 45° angled cassette
Print surface	Cassette 35°, max. 28.5 x 7.0 mm Cassette 45°, max. 28.5 x 7.0 mm
Characters	Barcodes, graphics and alphanumeric characters

*Lid latch interfering with the print surface may cause inability to print.

Certifications, conformity

Regulation	Regulation (EU) 2017/746 on in vitro diagnostic medical devices Directive 2011/65/EU Restriction of certain Hazardous Substances (RoHS)
Classification	Class A, IVD
Applied standards	IEC 61010-1:2010+A1:2016 IEC 61010-2-101:2018 IEC 60825-1:2014 IEC 61326-1:2020 IEC 61326-2-6:2020 EN IEC 63000:2018 ISO 13485:2016+A11:2021 ISO14971:2019



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