

**FA-TECH DIAGNOSTICS EUROPE**

LASER PRINTER FOR TISSUE CASSETTES

# PULSAR Mod LB-26



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DIAGNOSTICS EUROPE

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LASER PRINTER FOR TISSUE CASSETTES

## PULSAR Mod LB-26

**Innovation in permanent marking on tissue cassettes**

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**Fast and precise printing of any character and symbol on multiple and diverse surfaces**

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**High throughput bench-top unit**

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**High contrast cassette colours for improved differentiation**

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**Improved laboratory workflow**

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**Patient traceability**

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**Laser technology replaces high cost, hazardous and toxic ink cartridges, printer head, UV fixing lights and ribbons**



## DESCRIPTION

### Tissue Cassette Laser Printer for Automated Barcode Identification

Lean methodology adapted from industrial production experience, is now advocated as a major step forward in patient safety by reducing variability and errors in labelling while also improving laboratory financial performance.

"Pulsar LB-26", the innovative cassette laser printer from FA-Tech Diagnostics Europe, fulfils the principles of LEAN methodology by delivering permanent prints of alpha numeric characters, symbols and barcodes to improve sample and patient management.

Permanently printed cassettes maintain their unique identity throughout the procedures from grossing to archiving.

### High resolution text, barcodes, data matrix and logos

FA-Tech cassettes are printed with an innovative low-powered DPLS, which carbonizes a constituent chemical compound (PATENTED), providing PERFECT, high resolution, indelible marking enabling unparalleled easy identification, both visually and by automated detection devices.

FA-tech Pulsar LB-26 is the ONLY cassette printer on the market writing on each of the three sides of the cassette, allowing more data to be transferred. (PATENTED).



## Highly Efficient Workflow

Each permanently marked tissue & biopsy cassette is identified as a unique entity at the moment of printing. The printed barcode can be scanned and identified at any work terminal within the laboratory for immediate and accurate sample and patient identification ready for the production of bar-coded slides at cutting stations.

The printer software can be interfaced and receive information directly from a scanned barcode (provided by HIS at patient registration), a separate database, or the LIS.

Operating commands are sent to the printer via a touch screen computer.

## Auto-feed is ideal for "error-free"

### FULLY automated labelling

Designed for laboratories with a need for "error-free" automation, **Pulsar LB-26** has a maximum capacity of 8 hoppers carrying 40 cassettes to 80 cassettes each with extended hopper. Different coloured cassettes can be randomly stacked into specific hoppers. Cassette colour selection occurs fully automatically through software selection.

## ACCESSORIES

- Carbon filter
- Barcode reader
- 15" Touch Screen (all-in-one) computer
- Stacks of 40 White, Yellow, Green, Orange, Pink, Aqua, Grey, BLACK (Unique) tape-piled cassettes.

### Technical data

<b>Nr of hubs</b>	8 (Dynamic Magazine Configuration)
<b>Un-loading position</b>	1 station, slide on collector
<b>Writing production speed-</b>	
<b>cassette/min.</b>	1 side 10 pcs
	2 sides 8 pcs
	3 sides 6 pcs
<b>Characters</b>	Alphanumeric, linear barcode or data matrix ascii codes
<b>Computer</b>	Touch-screen 15"; Win 7; Dedicated software with PASSWORD-protected access Built-in data base or built-in PC board with Flash disk
<b>Network connection</b>	LAN, USB, Ethernet
<b>Dimensions, LxDxH (mm)</b>	345 x 650 x 480
<b>Weight</b>	23 Kg.
<b>Power</b>	110/230 VAc +/- 10% 50/60 HZ, 2000VA
<b>Laser type</b>	YAG 6Watts
<b>Input data</b>	From local computer, bar code, DB, text file

### SECURITY NORMATIVES

2004/108/EEC	EM compatibility
2006/95/EEC	Low tension
2006/42/EEC	Devices
EN 61000-6-4, EN 61000-6-2, EN 60204-1, EN 60825-1, EU 98/79/EEC IVD	





FA-PULSARBRO 6.0 9-2012



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