US Version

VEGA MB-97

Operator's Manual

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User Resources and Customer Support

Contact your FATech Diagnostics Italia representative for customer support. For the latest information on FATech Diagnostics Italia products and services, please visit the FATech Diagnostics Italia website at: www.fatechdiagnostics.com

Scope

This document contains basic information on the use and operation of **VEGA MB-97 Cassette Printer** and assumes you have received basic training on the instrument. Please contact your FATech Diagnostics Italia representative for information not provided in this manual. This manual does **not** provide instructions for the installation or upgrade of hardware.

Introduction

The **VEGA MB-97 Cassette Printer** is designed to generate a unique identification mark in the form of high-resolution linear bar codes, two-dimensional bar codes and text onto VEGA MB-97 Cassettes hence reducing errors due to misidentification of cassette blocks or specimen slides caused by illegible handwriting. The **VEGA MB-97 Cassette Printer** comes equipped with 6 magazines with a capacity to accommodate 60 Laser Cassettes. Optional additional magazines are available for easy cassette style or color changes.

Intended Use

The **VEGA MB-97 Cassette Printer** is intended for imprinting identification marks on FATech Tissue Cassettes for histology.

Installation Procedure

The **VEGA MB-97 Cassette Printer** and associated software must be installed, and instrument performance is to be verified, at the customer site by trained FATech Diagnostics Italia representatives.

Relocation Procedure

Contact your FATech Diagnostics Italia representative before relocating your **VEGA MB-97 Cassette Printer.**

Disclaimers

This manual is not a substitute for the detailed operator training provided by FATech Diagnostics Italia, or for other advanced instruction. A FATech Diagnostics Italia representative should be contacted immediately for assistance in the event of any instrument malfunction

Table of Contents

Section 1 | Safety

Caution Symbol

	*The CAUTION symbol appears on the instrument's product label to remind you of the necessity to refer to this guide, or other documentation, that outlines laboratory practices required by your facility and local regulatory agencies. Failure to comply with these requirements may result in a hazardous condition. This may also nullify the instrument warranty.* *The VEGA MB-97 Cassette Printer should not be used in any way not specified by FATech Diagnostics Italia. Otherwise, the protection provided by the instrument may be impaired.* ***Note:** Refer to Appendix B: Symbol Definitions for additional symbols*

Optical Laser Safety

	***INVISIBLE LASER RADIATION AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION*** ***CLASS 1 LASER PRODUCT, USING*** *The laser beam Exits the Final lens 6.6 inches (17cm) above the cassette while it is in the marking position*
	*Never attempt to operate the VEGA MB-97 Cassette Printer without the protective covers in place.* *Never attempt to override any of the safety interlocks on the instruments.* *Never attempt to dismantle or repair the laser head. In case of malfunction contact a FATech Diagnostics Italia Service representative.* *Any of the actions mentioned above may result in **permanent eye or skin damage**. Refer to Appendix A for more information on laser safety.*

Operational Safety

	Routine of VEGA MB-97 Cassette Printer is required for maintaining system integrity and proper operation. Maintenance must be carried out as specified in this manual. Refer to Section 9 | Maintenance, for more information.
	Do not attempt to install or re-locate the VEGA MB-97 Cassette Printer . Doing so may result in corruption, of data and/or malfunctioning instrument. For Cassette Marker installation contact a FATech Diagnostics Italia service representative
	Locate the VEGA MB-97 Cassette Printer only on a sturdy flat surface.
	VEGA MB-97 Cassette Printer is intended for Indoor use only. Maximum operating altitude is 9,840 ft. (3000m), operating temperature 59 to 95 degrees F, (5 to 35 degrees C), 80% maximum relative humidity, rated 100-240Vac (max range of 90 to 264Vac), over-voltage category, II, pollution degree 2, IPX0
	Please be aware that some discoloration to the FATech Cassettes can occur when they are subjected to reagents containing picric acid, e.g. Bouin's Fixative.

	Please be aware that degradation or loss of text printed text on FATech Cassettes may occur when they are subjected to solutions containing strong acids for extended periods of time. Decalcification processes of tissue in the FATech Cassettes involving strong acids such as hydrochloric acids or nitric acids should always be validated by the users prior to implementation.

Electrical Safety

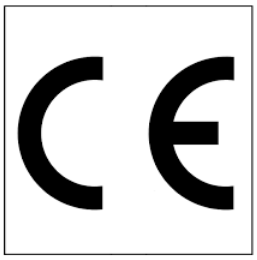
	The main power cord for the VEGA MB-97 Cassette Printer must be plugged into earthed outlet only. Only use the power cord provided with this product
	Be sure to position the VEGA MB-97 Cassette Printer to allow for easy removal of the main power cord from the back panel.

Mechanical Safety

	Never attempt to operate the VEGA MB-97 Cassette Printer without the protective covers in place. Never attempt to override any of the safety interlocks on the instruments. Apart from a class 4 laser, the instrument contains moving machinery that may cause damage to the user if the above advices are not followed.

FCC

	Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
	This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



Declaration of Conformity

Declaration of conformity
Déclaration de conformité
Dichiarazione di conformità
FATech Diagnostics Italia, Srl

declare under our sole responsibility that the product,
déclarons sous notre seule responsabilité que le produit,
dichiariamo sotto nostra unica responsabilità, che il prodotto,

VEGA MB-97 Cassette Printer,
to which this declaration relates is in conformity with the following standard(s) or other normative documents.
auquel se réfère cette déclaration est conforme à la (aux) norme(s) ou au(x) document(s) normatif(s).
a cui si riferisce questa dichiarazione è conforme alla/e seguente/i norma/e documento/i normativa/e

Instrument Compliance

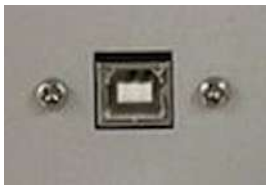
FATech Diagnostics Italia herby declares the equipment specified conforms to the Classification(s), Directive(s) and Standard(s) set forth in this document.

FATech Diagnostics Italia produces laser systems within one of two classes as identified and classified by theCDRH. These are Class I and Class IV. (see CDRH 21 CFR (J) 1040.1 - 1040 .5). End user of the equipment should be familiar with ANSI, CDRH and OSHA standards for radiation emitting devices as they apply to them also.

Certifications:

- [Saf] IEC 61010-2-101:2015
- [Saf] IEC 61010-1:2010
- [EMC] EN 61326-1:2012
- [EMC] EN 61000-3-2:2019
- [EMC] EN 61000-3-3:20
- FCC CFR 47 Part 15 Subpart B and ICES-003 Issue 7

Component Location



- USB

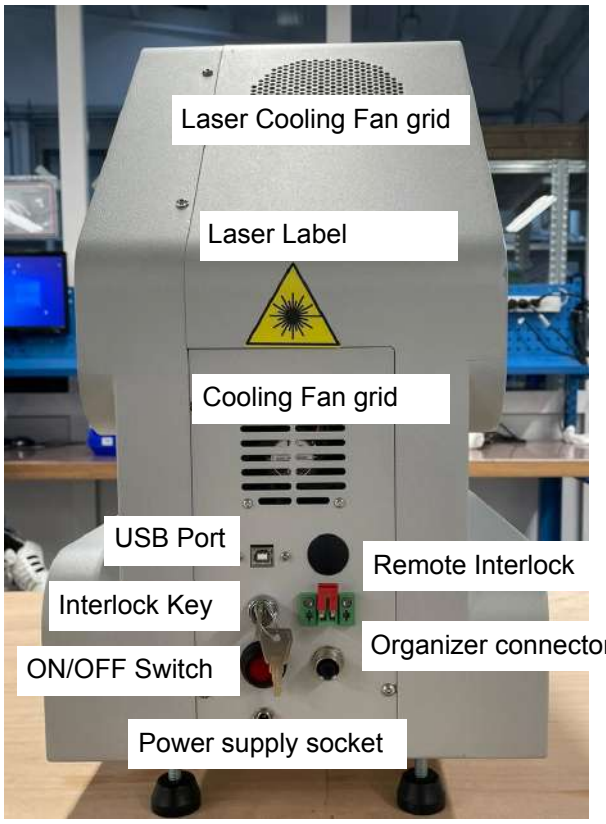
- Interlock Key

- ON/OFF Switch

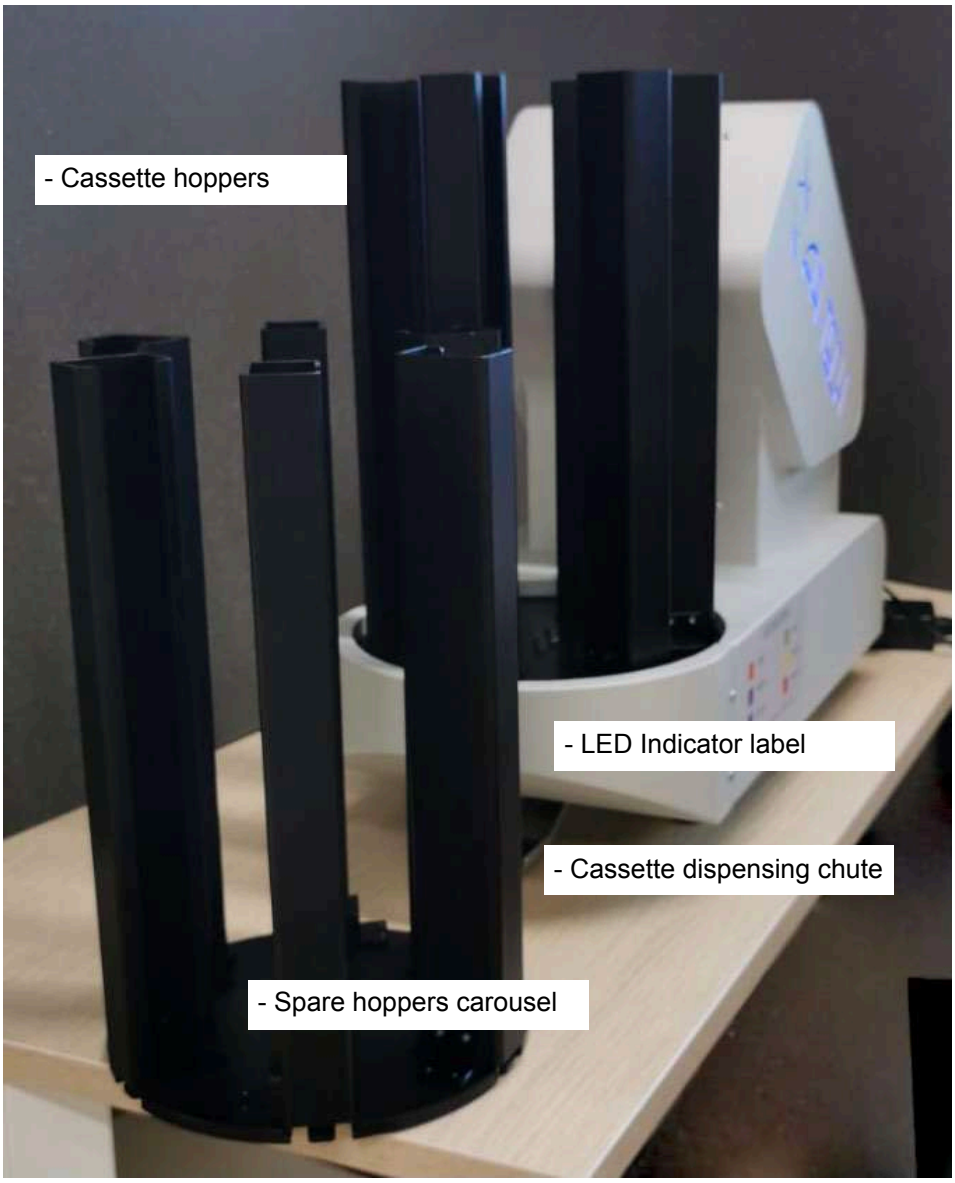
- Remote Interlock

- Power supply sock-

- Organizer connector



- Green: Loading Hub
- Red Reset unit



LED Indicators

- Instrument in STOP state.
- Instrument is RESETTING.
- Instrument is ready to print. If it is blinking, the instrument is in PAUSE because there are queued cassettes, but hoppers are empty.
- Instrument is PRINTING.
- Instrument is in PAUSE.
- Instrument is in ERROR. If it is blinking, operator must verify the problem and try to fix it.

Section 2 | System Specifications

VEGA MB-97 PH 6 Cassette Printer	
Item	Description
Dimensions	D 60 cm X W 20 cm X H 52 cm
Weight	23.3kg
Laser	YAG Class 4 Sealed Laser 2,2-Watts 1064µm wave-length
Electrical Requirements	110V-240V 50/60 Hz ±10% output 24VDC 5A
Fuses	120V 4 Amp 240V 3 Amp
Max dBA Sound level	55dBA
Max Power	70W
Over Voltage Category	II
Index Protection	IP55
Hubs (6) Cassette Capacity	80 Cassettes per Hub 480 Cassettes total
Print Speed	Up to 12 cassettes/minute
Print Resolution	600 dpi
Operating Temperature Range/ Humidity	15°C to 35°C 10% to 80% non-condensing
Barcode compatibility	Data Matrix, QR code, Code 128, Code 29, PDF417
Connectivity to PC	USB
Pollution Degree	2
Maximum Altitude	2500m

Section 3 | VEGA and Cassette Printing Software

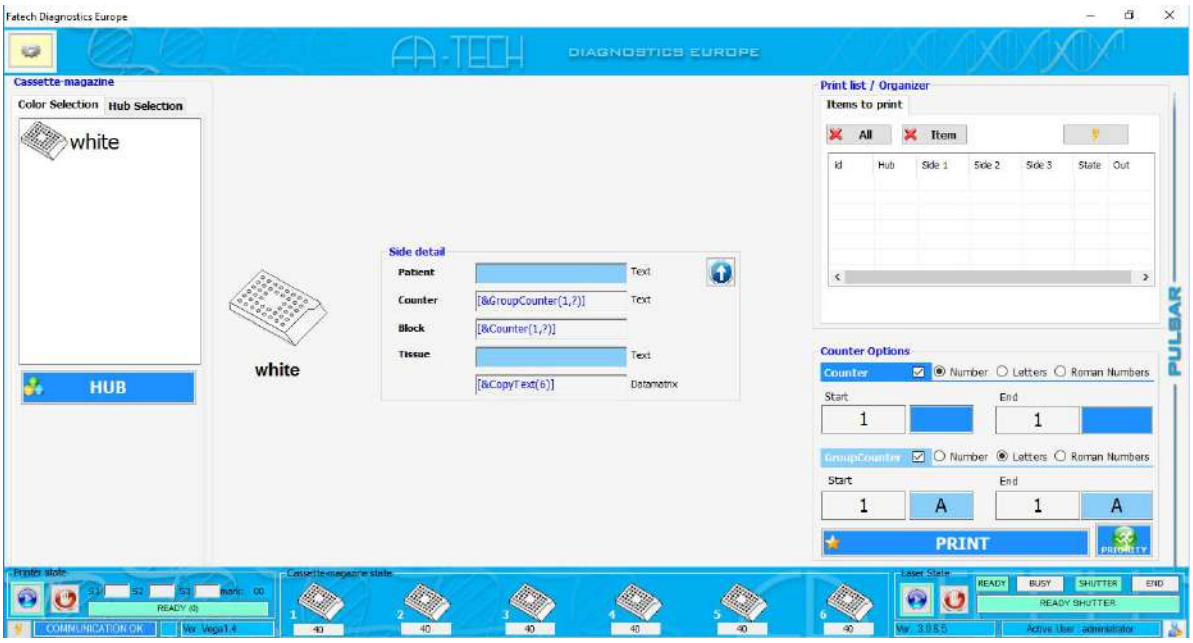
1. Press the power ON button positioned at the rear of the instrument.
2. Press the Emergency button positioned at the left side of the cover. When the system will be ready the emergency button will turn RED.

Launching VEGA Software

1. Double-click the VEGA icon
2. Enter User Name and Password.
   Default values “administrator/administrator”
3. The cassette marker will perform a self-test.
4. SAMLight will launch in the background.

NOTE: You should see the VEGA and SAMLight icons in the taskbar.

Status Bar – Indicates PC connection and Laser State



Communication State: At login, the communication state between the PC board and printer will be shown in the lower band of the user interface.

Printer state: When the box is green and shows the text "READY (0)", the communication is working and the system is ready to receive information to mark cassettes. When the box is red "COMMUNICATION ERROR" is displayed, there is a communication problem and the system requires technical assistance. An Error code will also appear (STOP X)

Laser status: When the box is green and shows the text and "READY SHUTTER", the laser is properly connected and ready to mark. When the box is red "UNABLE TO GET STATUS" is displayed which means the system requires technical assistance

Active user: Is the name of the logged in user

Loading Cassettes

Insert the cassettes in the MAGAZINES. Slide the cassette stack to the bottom and remove the tape/strip (depending on country) by pulling the tape from the top down/pulling the strip upwards pushing in the opposite direction the cassette positioned at the top of the stack with your finger.

Load HUB button

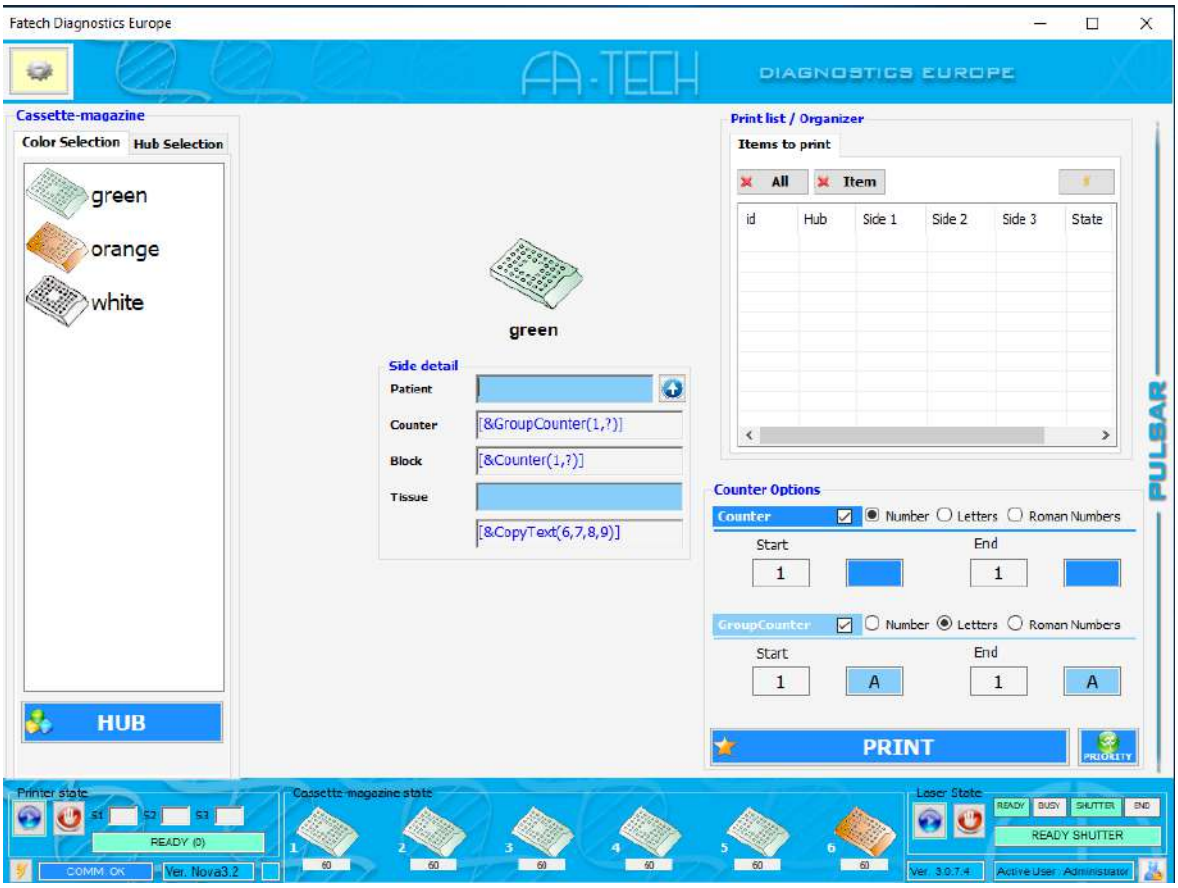
The “LOAD HUB” button is located on the left side of the unit towards the user (green LED). To load additional cassettes, press and hold the button for 2 seconds. The unit will finish printing the last 3 cassettes in the print cue, and then PAUSE. At this point, the user can load the three magazines facing forward. To access the other three (3) magazines, press the LOAD button a second time. This will rotate the magazine HUB 180°. Once cassette loading is completed, press and hold the LOAD button for 2 seconds. The carousel will return to printing position. If the user forgets to press the LOAD button, the system will automatically go back to print position after 60 seconds and complete the print cue.

Extra hoppers carousel

It is possible to prepare a second carousel filled with cassettes of the same/different colors from the one running on the unit. This facilitates the operation of cassette loading especially in laboratories with a very large routine processing hundreds of cassettes daily.

Printing Cassettes

1. First, place the cursor in the Accession field “Patient”, you can enter the data either manually or scanning in the accession number (12 characters max). The cursor should advance to the next data field.
2. Select the cassette colour
3. Input the cassette number in Counter “End”
4. Select “Print”

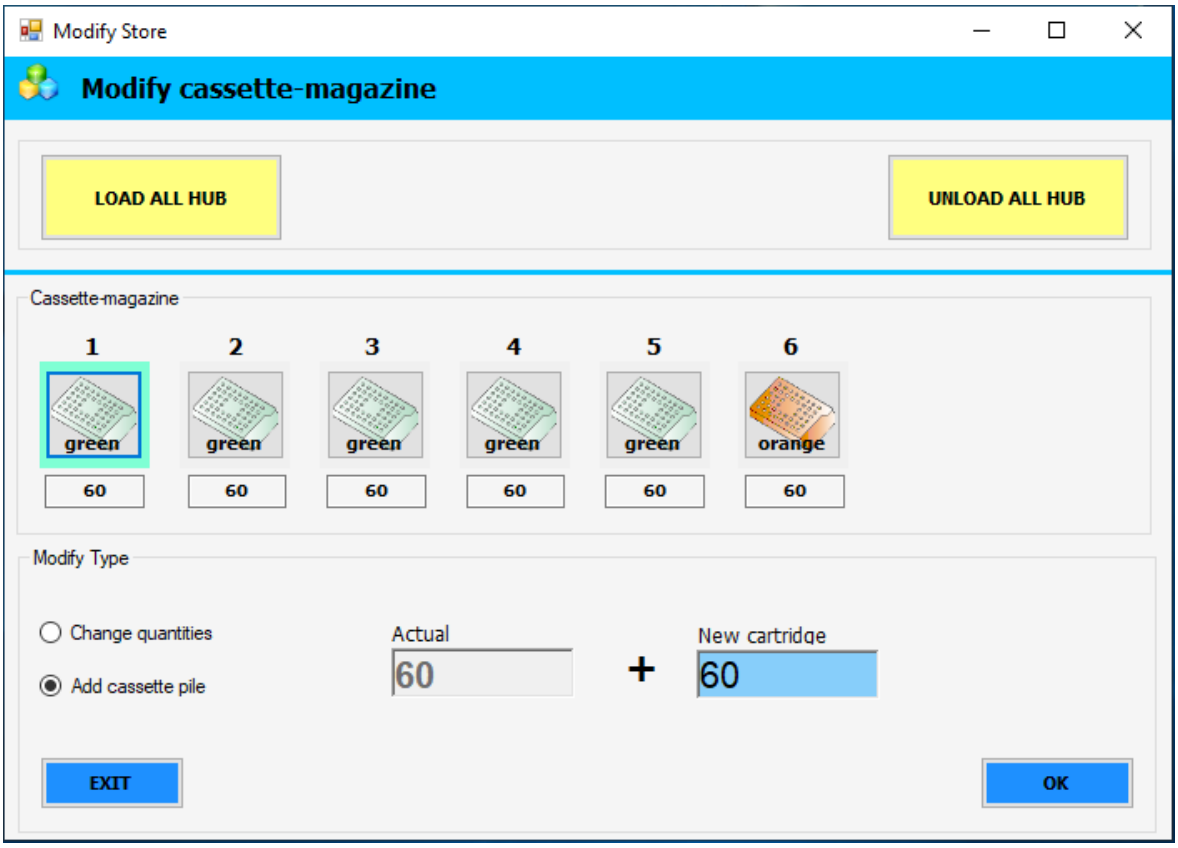


Prioritizing Cassettes

When a cassette of any type is required with priority (Ex “Reprint”/“Extra cassette”) it is possible to either press the function “Priority” or send a command through the LIS as follows:
DT;1;
S2;#1#123456;#2#A;#3#/1;#4#L1;#5#123456 A 1 L1;
PR;1;

Adding Cassette

To add or edit cassette click on “HUB” and you will get a new screen “Modify cassette-magazine”. If you loaded manually a stack of cassettes in a specific hub/hoppere, select it on the list and click “Load Hub”.

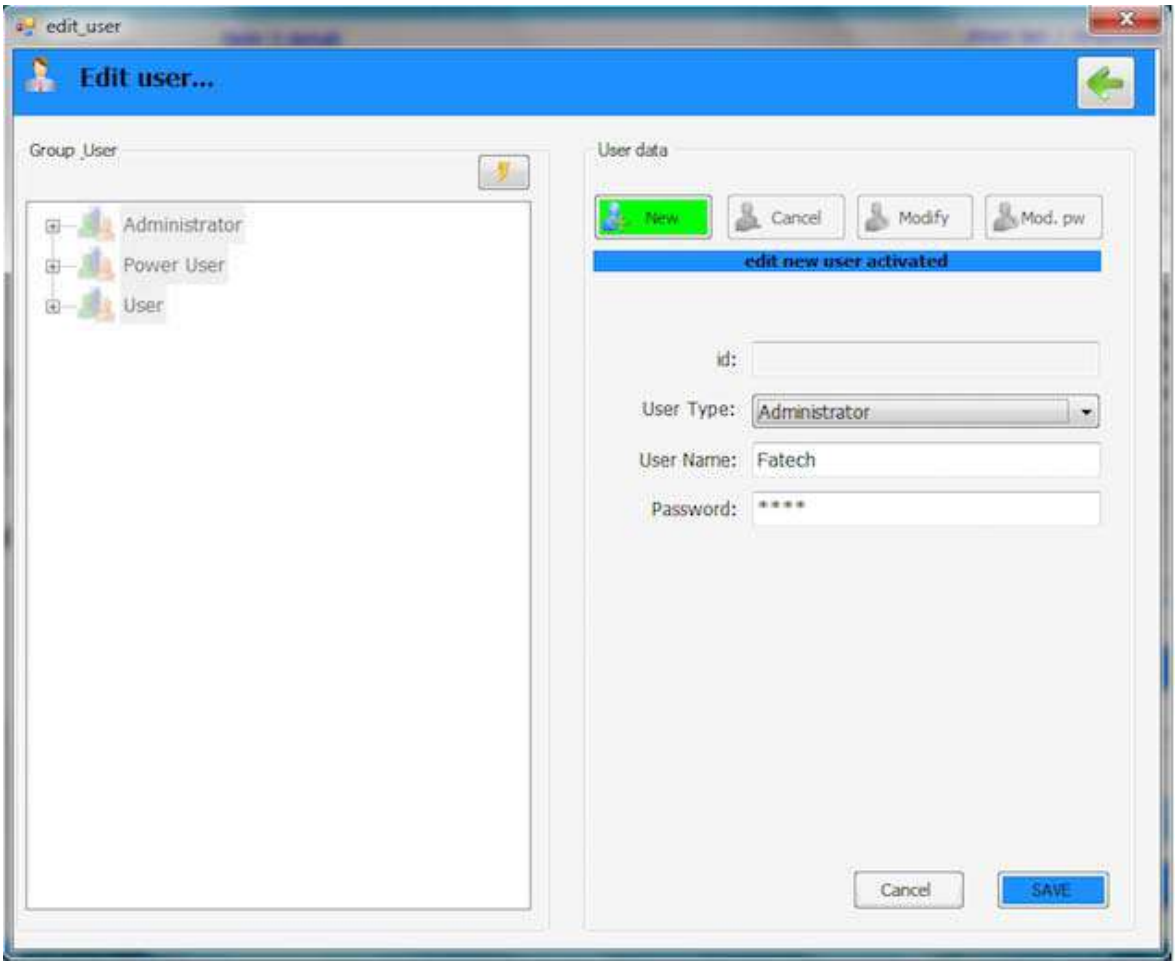

Modify Store
Modify cassette-magazine
LOAD ALL HUB
UNLOAD ALL HUB
Cassette-magazine
1
2
3
4
5
6
green
green
green
green
green
orange
60
60
60
60
60
60
Modify Type
Change quantities
Add cassette pile
Actual
60
+
New cartridge
60
EXIT
OK

Section 4 | Creating a new User

Through the User interface it is possible to define a “User name” a “User Type” and the associated “Password”. Once terminated the procedure select “SAVE”. With the green arrow at the right top corner of the screen it is possible to return to the main UI.

1. Click on <New>
2. Select “User Type”
    a. Click on the down arrow (▼). Select either Administrator, Power User or User.
3. Curser to the “User Name”. Enter the name of the new user.
4. Next curser to Password and enter in a password for the new user.
5. Click <SAVE> the green arrow on the top right of the dialog box to return to the main User Interface.

At new Login, it will be possible to enter the new User and start printing.



Generate a copy of the parameter list

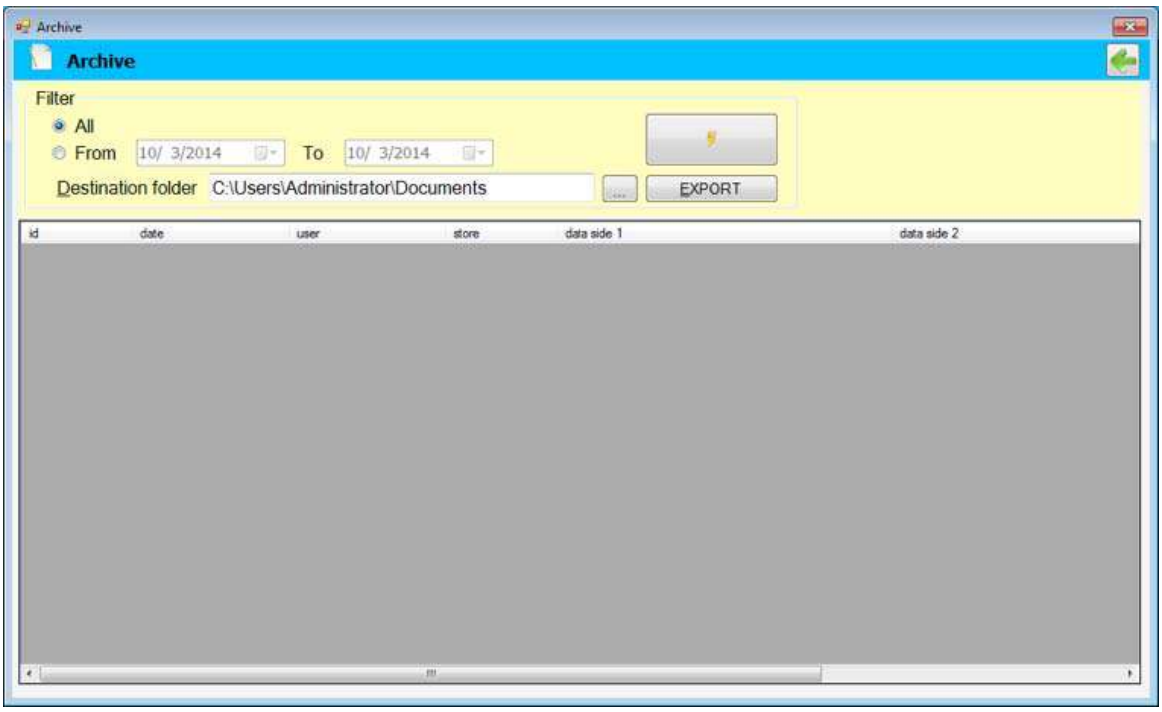
Before modifying any parameter of the Parameter list, please select the utility icon and choose “Parameter”. Select the printer icon.

This will automatically generate in C: the file “VEGA parameters”.

Data Export

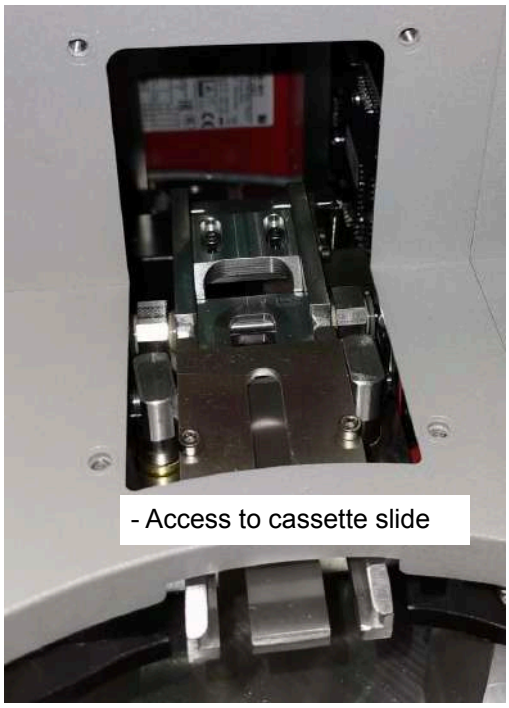
It is possible to define an interval of time in the Archive and print all cases.

- The folder where to send the produced file can be browsed.
- Selecting EXPORT, a file is generated and sent to the designated folder.



Section 5 | Troubleshoot cassette jam

If a cassette gets jammed in the dispensing tray the main interface will show the message “INSTRUMENT STATE STOP (1)”


- Access to cassette slide

- Remove the hopper carousel

- Remove the convex lid

- Inspect the cassette tray and if present remove the piece that got stuck

- After solving the problem put the lid back, put the hooper carousel in its original position and press the side button “Emergency” (button positioned on the lower part of left side of the cover RED far from the user) to restore the operation.

If the error persists please contact Service.

Section 6 | Marked cassettes dispensing methods

VEGA MB-97 has three different marked cassettes dispensing methods.

1) From Frontal chute (Standard device)
   - When a cassette is marked is it conveyed in a chute positioned at the from of the unit and touching the supporting desk/table
2) Cassette Sorter
   - When the cassette is marked it is conveyed to a motorised collector positioned under the chute. The capacity of this collector is of 25 cassettes. When the collector is full, it is possible to manually remove it and replace it with an empty one. A sensor positioned at the back of the Sorter verifies the presence of any residual cassette.
   - The user can always command the manual/frontal delivery of a single cassette by selecting “Priority” or commanding it through a text file through the LIS.
3) Cassette DUO
   - When the cassette is marked it is conveyed in a motorised frontal cassette collector composed by two trays, right and left.
   - Each tray has a capacity of 10 cassettes and when filled they must be removed. The system will not start delivering cassettes until an empty tray has been inserted.
   - VEGA DUO can be positioned between two users.

Section 7 | Maintenance

The system does not require any daily maintenance. Avoid contact with any aggressive solvent like pure alcohol, detergents containing alcohol (window cleaner), abrasive cleaning powders, or organic solvents containing xylene or acetone.

The external painted shell can be kept clean with a humid cloth.

Prevent liquids from entering the unit while cleaning or during operation.

Please refer to your local supplier for regular service inspection which should be planned every six (6) months aver installation.

Removal of marking dust.

Procedure:

- **Always make sure the unit is powered OFF**
- Remove the hoppers carousel and the convex lid (4 screws)
- With a brush remove any dust residual that might have deposited on the chute.
- Replace the lid and the carousel.
- Power ON the unit and press the Emergency button that will turn RED.
- Power on the PC.
- Double click the VEGA Icon and start marking.

LASER LENS Cleaning every 6 months.

Procedure:

- First remove the right-side shell by releasing two screws. Remove the instrument shell.
- Prepare a solution of 5 to 8% acetic acid.
- Use a 4 X 4 gauze pad, moisten the gauze in the solution.
- Gently Clean the laser LENS
- Dry the lens and the metallic parts surrounding the LENS.

Replace the shell back onto the instrument, and test the marking quality by printing several cassettes

Mechanical test every 6months.

Procedure:

- Follow the same procedures as explained for LASER LENS Cleaning to remove the instrument shell.
- Refer to our “Service manual “for details.

APPENDIX A | LASER SAFETY

Laser Hazard Classifications

The intent of laser hazard classification is to provide clear distinction of the lasers' properties and hazards to users so appropriate protective measures can be taken. Classification is based on the maximum output available for the intended use. Specific labeling requirements indicate that the class of the laser as well as the emission wavelength(s) and any other applicable precautionary instructions must be included on any signage. Laser classification is also used for determining requirements for medical surveillance for those individuals working with and around lasers.

The Federal United States laser safety standard [21 CFR 1040.10], the ANSI standard [ANSI Z136.1], as well as the international standard [EN 60825], divide lasers into five distinct hazard categories. These classes are based upon the combination of wavelength range, power, and emission duration, which are used to determine the level of risk and the potential to cause biological damage to the eye or skin. The definitions compiled from ANSI Z136.1 are as follows:

The Phaser 1 VEGA MB-97 Laser Cassette Printer is rated as follows:

ENCASED CLASS 4 LASER PRODUCT, USING

Class 1: Any laser, or laser system containing a laser, with wavelength ranges from Ultraviolet through Far Infrared (180 nm – 100,000 nm +), that cannot emit laser radiation levels exceeding Class 1 Accessible Emission Limits (AEL) as defined by ANSI Z136.1. For example, this would compute to exposure (for an eight-hour period) for a 488-nm laser of no greater than 0.2 mW. Basically, the laser radiation level emitted by a device classified as Class 1 produces no hazard whatsoever to the user during normal operation. Presently, Class 1 lasers and laser systems are exempt from all control measures. The Class 1 designation does not apply during times of maintenance or service where the safety controls of the device are defeated or otherwise removed. The Class 1 environment resumes once the device is returned to its original state with all safety devices properly reconnected.

Class 2: This classification applies only to continuous wave (CW) and repetitive-pulse lasers and laser systems of the visible part of the electromagnetic spectrum (400 – 700 nm) that exceed Class 1 levels, but do not exceed an average radiant power of 1 mW.

Class 3a: Lasers and laser systems that have an accessible output between one and five times the Class 1 AEL for wavelengths shorter than 400 nm or longer than 700 nm, or less than five times the Class 2 AEL for wavelengths between 400 and 700 nm. Lasers of this class have intermediate power ranges of 1 - 5 mW.

Class 3b: Lasers and laser systems having the power range between 5 - 500 mW. This applies to lasers with wavelength ranges from Ultraviolet through Far Infrared (180 nm – 100,000 nm +). These lasers or laser systems can produce a hazard if viewed directly, and may produce an eye hazard when viewing diffuse reflections off a shiny surface at angles of less than 5 degrees from the source, however Class 3b lasers should not produce a hazardous diffuse reflection from a matte (not shiny) surface.

Class 4: Lasers and laser systems having power greater than 500 mW. This applies to lasers with wavelength ranges from Ultraviolet through Far Infrared (180 nm – 100,000 nm +). This class of laser poses the greatest hazard, and any and all precautions should be taken to protect oneself from exposure to direct or diffuse laser radiation. Direct exposure to the eye from this class of laser can cause permanent damage. Stray beams are potential fire hazards and combustible material should be kept out of beam paths at all times.

Control Measures for Laser Classifications

ANSI Z136.1 requires specific control measures for each laser classification and the environment in which they are used. The chart above lists some of the requirements that may need to be implemented in a laboratory setting. The company Laser Safety Officer, or designee, should reference the applicable safety regulations for appropriate control measures to implement in the area the instrument will be used.

Biological Effects of Laser Irradiation

Eye Injury

Because of the high degree of beam collimation, a laser serves as an almost ideal point source of intense light. A laser beam of sufficient power can theoretically produce retinal intensities at magnitudes that are greater than conventional light sources, and even larger than those produced when directly viewing the sun. Eye exposure to a direct beam can cause permanent eye damage including blindness. Protective eyewear should always be worn when potential exposure to direct laser beams exist.

- Due to the lens-like focusing effect of the human eye, it is 100,000 times more vulnerable to injury than the skin. Laser safety eyewear should always be available for the wavelengths of lasers in use.
- Eye protective equipment, however, should be considered the last line of defense against laser beam exposure – engineering and administrative controls should be used first.
- Remove all jewelry when working with an open beam to prevent reflection of the beam in unsafe directions.
- When possible, use all protective housings, interlocks and shields.
- Laser Safety Eyewear should always be worn during laser repair,
- alignment, or installation, or at any time when any laser safety control is not in place.

Thermal Injury

The most common cause of laser-induced tissue damage is thermal in nature, where the tissue proteins are denatured due to the temperature rise following absorption of laser energy. The thermal damage process (resulting in burns) is generally associated with lasers operating at exposure times greater than 10 microseconds and in the wavelength region from the near ultraviolet to the far infrared. Tissue damage may also be caused by thermally induced acoustic waves following exposures to sub-microsecond laser exposures.

Skin Injury

To the skin, UVA (315-400 nm) can cause hyperpigmentation and erythema (aka: sunburn). Exposure in the UVB (280-315 nm) range is most injurious to skin. In addition to thermal injury caused by ultraviolet energy, there is also possibility of radiation carcinogenesis from UVB. The shorter wavelengths are absorbed in the outer dead layers of the epidermis (stratum corneum) and the longer wavelengths have an initial pigment-darkening effect followed by erythema if there is exposure to excessive levels.

The hazards associated with skin exposure are of less importance than eye hazards; however, with the expanding use of higher-power laser systems, particularly ultraviolet lasers, the unprotected skin of personnel may be exposed to extremely hazardous levels of the beam power if used in an unenclosed system design.

Skin burns caused by lasers can happen quite fast and with great intensity. Protective clothing should be worn when potential exposure to direct laser beams exist.

- UVC: 200-280 nm exposure may cause erythema (sunburn), skin cancer, and burns.
- UVB: 280-315 nm exposure may cause accelerated skin aging, increased skin pigmentation and burns.
- UVA: 315-400 nm exposure may cause pigment darkening and skin burns.
- Visible: 400-700 nm exposure may cause photosensitive reactions and skin burns.
- Infrared 700-100,000 nm exposure may cause skin burns.

Control Meeasure	Class 1	Class 2	Class 3a	Class 3b	Class 4
Activation Warning Systems	No requirement	No requirement	No requirement	Should have	Shall have
Indoor Laser XE Optics Lasers Control	No requirement	No requirement	No requirement	Shall have Nominal Hazard Zone Analysis	Shall have Nominal Hazard Zone Analysis Required
Labels	Shall have	Shall have	Shall have	Shall have	Shall have
Area Posting	No requirement	No requirement	Should have	Shall have Nominal Hazard Zone Analysis Required	Shall have Nominal Hazard Zone Analysis Required
Standard Operating Procedures	No requirement	No requirement	No requirement	Should have	Shall have
Education and Training	No Requirements	Should have	Should have	Shall have	Shall have
Authorized Personal	No Requirements	No Requirements	No Requirements	Shall have	Shall have
Warning Signs and Labels	No Requirements	Should have	Should have	Shall have Nominal Hazard Zone Analysis Required	Shall have Nominal Hazard Zone Analysis Required

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APPENDIX B | SYMBOLS DEFINITION

	CAUTION: Consult accompanying documents
	CAUTION: Consult accompanying documents
	Warning label -LASER RADIATION CLASS IV INVISABLELASER RADIATION WHEN OPEN INTER-LOCK DEFEATED AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION
	Warning Label indicating precise position of the LASER LENS
	Instrument Manufacturer.
	Disposal at end of life.

Disposal at the end of lifecycle

Correct Disposal of this product (According to Directive 2002/96/EC on WEEE applicable in the EU and other European countries with separate collection systems)

Unless otherwise agreed in writing between FATech Diagnostics Europe BV. and the Buyer, FATech expects the Buyer to be responsible for financing the collection, treatment, recovery, recycling and environmentally sound disposal of all WEEE arising or deriving from the Products and all WEEE arising or deriving from products already on the market as of August13, 2005. Furthermore, FATech Diagnostics Europe BV also expects the Buyer to comply with all additional obligations placed upon the users by the WEEE regulations in the country the Buyer resides in. The above-mentioned obligations shall be passed on by successive professional buyers to the final user of the WEEE, always under the Buyer's responsibility.

Noncompliance by the Buyer with the above-mentioned obligations may lead to the application of criminal sanctions, as laid down in the applicable national transposition legislation and/or regulations.

Under the WEEE directive, FATech Diagnostics Europe BV will label all systems with the 'crossed out wheeled bin' symbol.

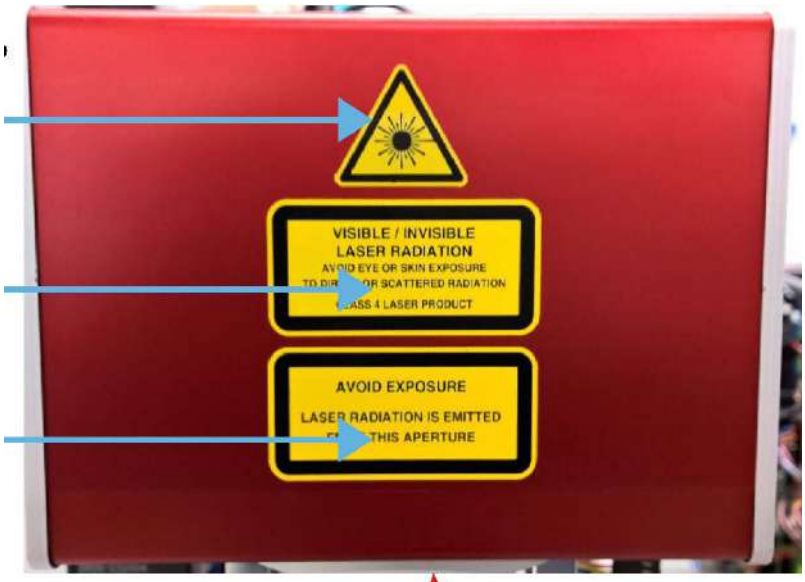
This label indicates the user of the product that FATech Diagnostics Europe BV products are to be disposed of and recycled separately from other and regular waste streams. Only in this way the environmentally sound and beneficial re-use of FATech Diagnostics Europe BV products is ensured.

APPENDIX C | LABELS PLACEMENT

LASER RADIATION Avoid eye or skin exposure to direct or scattered radiation.

Placement of the Label indicating presence of a LASER inside the unit

Laser Radiation is emitted from this aperture AVOID EXPOSURE! Do never override the door interlock. Doing so could possibly generate eye injury.



Front of the laser

Laser Manufacturer.

Laser Features.

Back of the laser

WARNING FOR USERS DIODE Lifespan

The component emitting light LED (Light Emitting Diode) is normally subject to degrade over time. On heavy workload conditions, the DIODE can have a faster declining in performance or shut down completely.

IMPORTANT: Leaving the unit powered ON can accelerate this process. It is highly recommendation to turn the Phaser 1 OFF from the main switch positioned on the back of the unit.
Not doing so could increase spare parts and service costs.

ANNEX D

FCC Declaration of Conformity

Manufacturer: **Fatech Diagnostics Europe B.V**
Address**:** t'Holland 31, 6921 GX Duiven, The Nederlands
Phone +31(0) 316 820387
US representative: **Richard-Allan SCIentific LLC**
Address: , 4481 Campus Drive, Kalamazoo, Michigan-49008, USA.
Phone +1 (269) 512-1872

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:
1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

Product names: NOVA ENB-91 ; VEGA MB-97; VEGA SORTER; VEGA DUO.
Product type: Laboratory Laser cassette printer.

Model codes: 2000-D-xxx-xxxx; 5000-D-xxx-xxxx;5100-D-xxx-xxxx; 5200-D-xxx-xxxx.

Accessories:
5010-D Automated cassette sorter (for VEGA only);
5020-D Dual tray delivery system (for VEGA only).

Date of issue: June 10th 2021

FATech Diagnostics Europe B.V.

Name: Andreas Kaeplein

Title of Authority: GM

FATech Diagnostics Europe BVI.
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