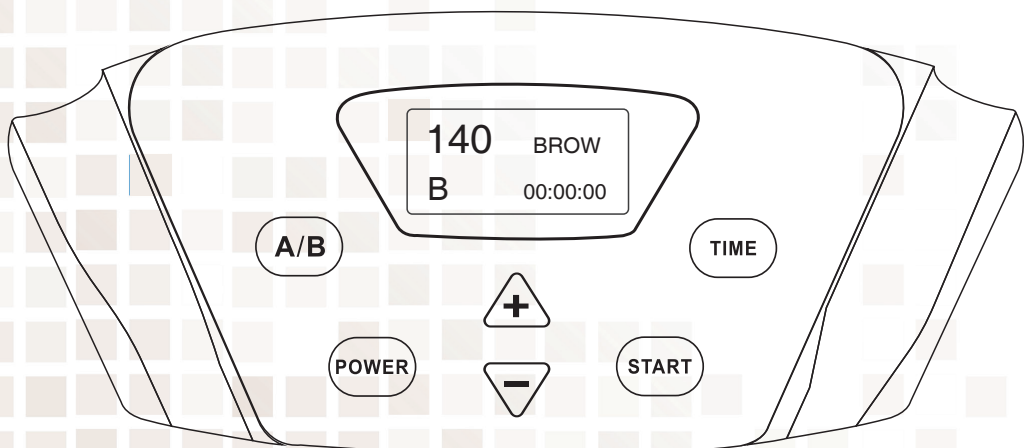
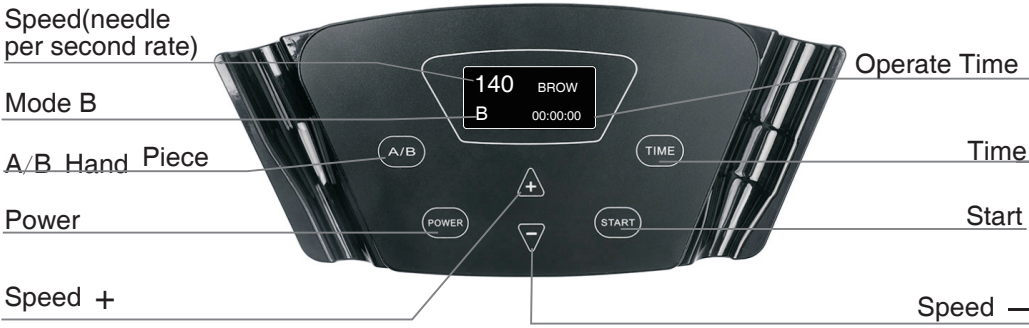


OPERATING INSTRUCTIONS

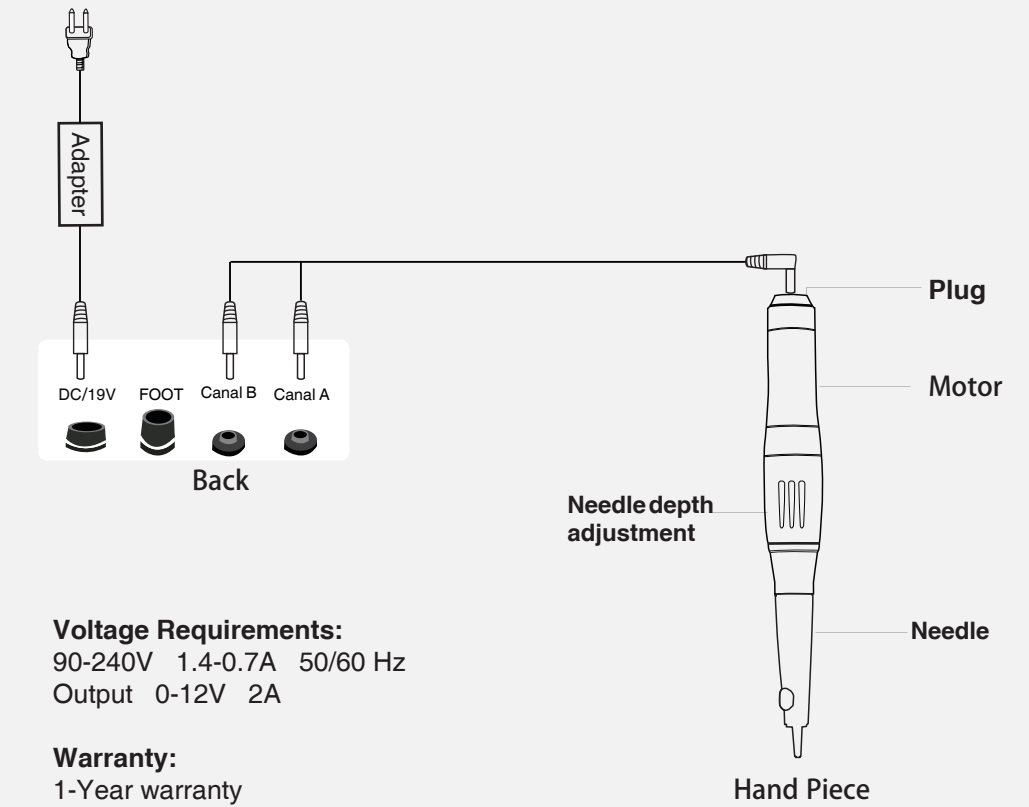


BLACK PEARL

Permanent Makeup Machine



FRONT



Voltage Requirements:
90-240V 1.4-0.7A 50/60 Hz
Output 0-12V 2A

Warranty:
1-Year warranty
This instrument has been tested
to and complied with CE,FCC,SAA

Dear Customer,

Thank you for purchasing The Black Pearl PMU Machine. It is a simple kit specially designed for starters as well as trainers and we hope you will enjoy its use and reliability. In the event that your device needs to be serviced, serviced, please contact the representative or distributor from whom it was purchased. In order to avoid any unnecessary inconvenience on your part, We suggest reading these instructions carefully before contacting our authorized service Representative.

Unpacking

Check that you have received the following items with Black Pearl:

- Black Pearl power control
- Hand piece +connect cord
- Adapter+power cord

Cleaning

Clean the control panel cabinet and controls with a soft cloth which has been lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol. Clean the outside of the control unit with a soft cloth using a disinfectant / tuberculoid.

Safety

To prevent fire or shock hazard, do not expose the unit to rain or moisture. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only. Do not place Black Pearl near heat sources or in a place subject to direct sunlight, excessive dust or mechanical shock.

Should any solid object or liquid fall into the cabinet, unplug the receiver and have it checked by qualified personnel before operating it any further.

If you have any questions or problems concerning your device , please contact your dealer .

Power sources

- Before operating the Device check that the operating voltage is identical to your local power supply. The operating voltage is indicated on the nameplate at the rear of the control unit.
- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- If you are not going to use the Device be sure to disconnect it from the wall outlet. To disconnect the AC power cord, grasp the plug itself, never pull the cord.
- The AC power cord must be changed only at the qualified representative.

The Black Pearl was manufactured according to the VDE - guidelines and left the manufacturing facility in correct working condition. The device can only be operated with the power supply unit listed on the type indication plate. The device may be opened for repair and maintenance only by the manufacturing firm or designated authorized person. The device is designed for indoor operation. It should be operated at a room temperature ranging between 10°C and 35°C. The power source voltage has to correspond to the voltage of the device indicated on the back of the control unit!

If it seems that the device can not be operated without potential danger, switch it off and protect it from unintentional and unauthorised use.

Safe operation is not guaranteed:

- if the device or accessories show visible damage
- if the device does not work correctly
- after long storage at bad conditions
- after serious transport stress

In case any of the before mentioned occurs, the device should be returned to the manufacturer or an authorized distributor for technical inspection. This device should be operated by trained and authorized personnel only. The device should be placed on a solid and even base at all times.

Operation of the Black Pearl

Connect power supply

On the back of the control unit there is a socket that connects the Adapter cord

Connect the hand piece

Connect the hand piece to Black Pearl by connect cord, can either be connected to socket A or B. Both sockets are located on the back of the Black Pearl .

Inserting the needle cartridge into the hand piece

Hold the hand piece with the insertion opening facing upwards. Screw the needle cartridge into the receiver opening in the hand piece. With the hand piece pointed upwards, until you feel it lock in place, make sure the cartridge is locked in tight. If you're not sure that it's locked in place, hold the hand piece up by the cartridge, if it's not locked in the hand piece, the hand piece will dislodge from the needle cartridge.



Turn the power on

With all the steps before mentioned completed, you can now turn on the control unit. With the hand piece connected to socket labeled Canal A, press the "power" button, the light will appear,

Choose 'BROW,EYE,LIPS,MEDICAL,MESO' mode as your needed. Press 'A/B' button, Switch channel A. Adjust the needle speed according to your procedure.

Operating the device

By pressing the " START " on the device, the hand piece will start working by itself Pressing the 'START ' again, the hand piece will stop working.

Adjust penetration depth

You are now in a position to adjust the penetration depth of the needle The handle of the hand piece serves as an adjustment ring. By turning the adjustment ring on the hand piece to the right the penetration depth can be increased. **Please note that the needle should never be adjusted to the highest setting. If the hand piece is not running perhaps the adjustable ring may have been over tightened.**

During the procedure, check the needle depth frequently, since when moving from your client to the pigment cup, you may be inadvertently turning the adjustment ring on the hand piece.

Choose your favourite speed

The LED in the middle of the control unit displays the programme function e.g. Eyebrows, Eyeliner, Lips, Medicalmeso and sets the needle per second rate (NPS).to personal preference, after choosing the program function, by pressing the + or - keys on the control unit. It can be adjusted between a NSP 50 up to NPS 250. The average range to operate is between 120 and 140 NPS You can refer to the chart below if needed

Needle Sizes and suggested needle speeds

(Speeds will vary per skin type and needle size)

Needles Commendation:

Eyebrows lines: 1 RL 0.18mm(super thin line, nano needle), 1RL 0.3mm, 3F, 11U
Eyebrows shading: 1RL 0.5mm, 3RS, 5RS
Eyeliners: 1RL 0.3mm, 3RS
Lips: 1RI 0.3mm for Contour, 5RS, 5F, 5SF for Surface
Meso: #12 micro needle

Procedure

Eyebrows
Eyeliner
Full Lip Colour
Lip Line
Meso

NPS

120-130
120-140
140-160
140-160
180-200

Safety cartridge

Attention - risk of injury! The cartridge contains needles that can come out if handled improperly and may lead to injuries. Avoid pressure on the needle shaft (back of the cartridge) since it forces the needle to exit the needle tube.

The cartridges are sterilized by the manufacturer and delivered in a sterile packaging. They are designed for single use and to be taken out of the sterile packaging immediately before use. When inserting the cartridges one must not touch them on the tip (area that comes in contact with the patient).

During work one has also to take care that areas of the cartridge that get into touch with the patient do not come in contact with contaminated items, for instance clothes. In this case one has to use a new sterile cartridge. After the treatment cartridges must be disposed of into a safety box for clinical waste.

On each package containing safety cartridges is a label indicating lot number, production and expiry date. The lot number serves the explicit identification of the batch and has to be submitted to the manufacturer in case of problems. There must be guaranteed and not damaged.

classification and back tracing for all cartridges in the package ; this means that the safety cartridge with the label has to be used last. The delivered cartridges are sterile. Don't use cartridges from a damaged packaging. The manufacturer guarantees sterility for a period of 5 years if the packaging is closed

Technical parameters

Type Black Pearl 3.0
Nominal voltage 24 V ~
Frequency 50 Hz
Power input max. 8 VA
Power supply unit FW 6798 / 24 V ~ /18,5 VA
Working frequency 250 / sec.
Drive precision DC-motor
Protecting class protection small voltage
Operating mode Continuous operation
Operating conditions
• Ambient temperature + 10°C up to + 35°C
• Relative humidity 30% up to 75%

This instrument has been tested and is in compliance with CE,FCC,SAA design and specifications are subject to change without notice.

Conditions for transportation and storage

Ambient temperature +5°C up to +40°C
Relative humidity 30% up to 75%
Air pressure 900 up to 1060 hPa

Non-liability

- Only authorized trained medical specialized person or certified trained technicians are allowed to use the device and only for the purpose mentioned in the operating instructions.
- In the case of any and all severe infectious diseases (AIDS, hepatitis etc.) and hemophilia, use of the device can lead to contraindications in those clients!
- The user is obliged to carry out the principles of sterilization and sanitation and to work with sterile/disinfected instruments and materials only.
- He/she should wear latex, or comparable gloves and ask the client for a medical clearance if necessary.
- Black Pearl does not assume liability for deviate putting into operation or deviate application of this device nor as a result of it.

Warranty

Black Pearl guarantees 1 year on the hand piece and control from the time of its original purchase.