



**User Manual and Maintenance  
Permanent Make-Up (PMU)  
& Micro-Needle Therapy (MTS)**

# Digital ProPen

[www.imaxshop.com](http://www.imaxshop.com)



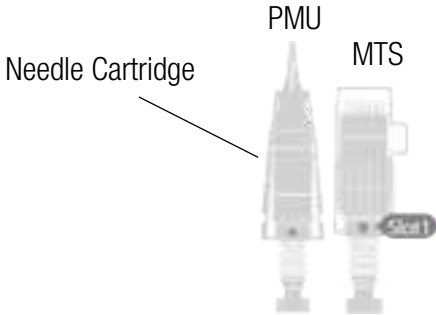
# 1 Composition

1. Control Unit

2. Hand Piece

3. Foot Switch

## Parts Name



Needle Connection

LED display

Speed Adjustment

Shortcut Key of Speed Level

ON/OFF





# 1 Composition

4. Power Adaptor (220V)

5. Needle Cartridge (Optional)



Hand piece  
Socket

Foot Switch  
Socket

Adapter Socket

Photo 1

Photo 2

Photo 3

BACK



## 3 How to Operate

### 1 Setting

- 1) Plug the Hand piece into the socket.
- 2) Plug the Foot switch into the socket.
- 3) Plug the adaptor into the socket.

### 2 Preparation

- 1) Take out needle cartridge from the sterile packing.
- 2) Insert cartridge into the machine fitting round slots (slot1, slot2) and push needle cartridge up to the end.
- 3) Lock the cartridge by turning it counter clockwise.
- 4) Adjustment of needle length should be done after turning on the machine.
- 5) If you want to remove the needle cartridge, turn off the machine, turn cartridge clockwise fitting round slots (slot1, slot2) together and remove cartridge from machine.

### 3 ON/OFF and Speed Adjustment

#### 1) **ON/OFF button and Speed Adjustment**

Push the power button on the control unit for a second and then, press the Foot switch, Hand piece starts to work and LED Display blinks.

#### 2) **speed Adjustment**

You can increase or decrease the speed of needle movement by pushing button “**Δ**” or “**∇**”. You can see the speed level on the LED display.

**(10 speed levels are available).**



## 3 How to Operate

When you first turn on the machine, it starts from the lowest speed to the highest. To stop temporarily, stop pushing the foot switch. When you turn it on again it starts from the last speed level used. If you want to switch off the machine, press the power button ON/OFF for a second.

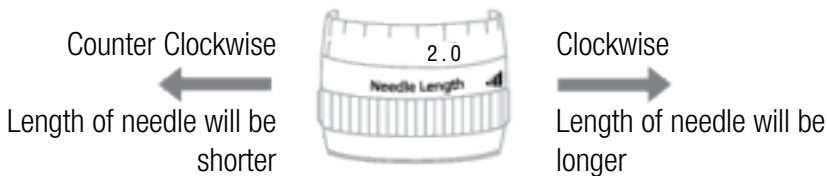
### 3) **Shortcut Key Speed Level Memory**

Adjust a speed level and press a shortcut key for 2 seconds. The selected speed level will be saved on the main control unit. When you select the shortcut key again it will work at the saved speed level (like channel save function of radio). You can save 4 different speed levels depending on the purpose of use.

## 4 Needle Adjustment

### **Needle length Adjustment** Photo 3

You can adjust the needle length by turning the adjustment ring clockwise or counter clockwise.



PMU Needle length control: 0.5mm~4.0mm

MTS Needle 0.25 length control: 0.25mm

MTS Needle 2.00 length control: 0.0mm~2.0mm

### **Caution**

Adjust the needle length rig to 2.0 (maximum)



# 4 Specification

## 1 Definition

Apparatus for applying Permanent Make-Up (PMU) and Micro-Needle Treatment (MTS).


## 2 Performance

A device for tattooing the skin, Permanent Make-Up (PMU) and Micro-Needle Treatment (MTS). Support for movement a guided needle between extended and retracted position.

## 3 Classifications

- Type of protection against electric shock: Class II Equipment
- Degree of protection against the ingress of water: Ordinary equipment (IPX0)
- Mode of operation: Continuous operation

## 4 Specification

1. Product name: Digital Permanent Maku-UP Device
2. Model name: Digital ProPen
3. Rated input power: 5 V , 2A
4. Adapter: Bridge Power Corp. JMW110-KA0500N10
5. Weight: Control Unit 520g - Hand Piece 67g
6. Size: Control Unit 180 x 141,8 x 84 (mm)  
Hand Piece 122 x Ø23 (mm)
7. Symbol



Alternating current



Serial No



Direct current



CE mark



Class II equipment



Manufacturer



Attention, see instruction for use



Date of manufacture



## 5 Service and Warranty

For simple maintenance of your Digital ProPen you can purchase parts and utensils on [www.imaxshop.com](http://www.imaxshop.com) or you can call +390 541 642160. For accurate maintenance you could turn your machine back to I Max International S.r.l., Viale Emilia 41, 47838 Riccione, Italy.

Digital ProPen includes a 12 month warranty from the date of purchase. The warranty is valid only against manufacturing defects and does not cover abrasion caused by normal use. The moving parts are subject to abrasion and are not warranted.

### **The warranty becomes void in following cases:**

1. The motor housing has been opened. For any operation regarding the motor housing send the machine back.
2. Input tension has been exceeded over the limit.
3. The machine or any part has been sterilized or cleaned in sterilizers, autoclaves or ultrasonic cleaners.
4. Damage of the machine or one of its components by improper use or carelessness.
5. Abnormal use, carelessness, excessive use, for lack of lubrication.



## 6 Maintenance

### 1 General maintenance

- When not in use keep power off and unplug from the wall socket.  
Wipe surface with a dry cloth.
- Keep away from direct sunlight or high temperature and humidity.
- Do not allow non-professional staff to repair or alter the device.

### 2 Routine inspection

- Make sure to inspect the device and adapter before use.
- When you use the device which has not been used for a long time, make sure to check if it works properly with safety.





## 6 Terms & Conditions

Digital ProPen is a Tattoo/PMU machine for professional use. This device should only be used by professional artists in an appropriate environment using sterile needles and tubes according to the requested regulations of this activity. Keep your machine clean and lubricated. Cover the machine with the appropriate protective covers. Clean the machine after every use. Do not drop the machine as the impact might damage it. Do not use power adapters other than the one supplied with the machine. I Max PROVIDES THE MATERIALS AND SERVICES "AS IS" WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF TITLE, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF INTELLECTUAL PROPERTY. THE ABOVE EXCLUSION OF IMPLIED WARRANTIES SHALL NOT APPLY TO THE EXTENT PERMITTED BY LAW. SOME PRODUCTS AND EQUIPMENT IF NOT PROPERLY USED MAY BE DANGEROUS AND CAN CAUSE PHYSICAL DAMAGE.

You agree to assume all risks related to or arising from your ownership and use of the tattoo/PMU machine. You agree to indemnify and hold I MAX harmless from any and all claims brought by any person or entity. This includes damaged and defective items. You also agree that you will use the purchased Merchandise in a safe and legal manner, consistent with all applicable laws, recognized safety rules, and good common sense. You, as the buyer, assume all responsibility and risk and you further agree to keep I Max Merchandise out of the hands of minors and untrained and/or immature individuals.

### **I Max International S.r.l.**

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### **WARNING:**

- 1) This machine is a precision instrument. Do not drop or subject to physical shock.
- 2) Do not use cleaners containing solvents to clean the body of the machine, do not use spray cleaners directly on the machine. Clean the machine with a well-wrung wet cloth or clean wipes.
- 3) Do not put in autoclaves, sterilizers or ultrasonic cleaners.