
Warning

Dear user:

Thanks for using our company's products, in order to fully make use of the products, we sincerely suggests follow:

- ◆◆ Please read the instruction in detail and keep it well for further reading and consulting.
- ◆◆ Please follow the instruction to fit and operate the machine correctly.
- ◆◆ Please do not remove and change any accessories of the machine.
- ◆◆ It forbids others to open and remove the mainframe except the authorized people in the company.
- ◆◆ It forbids others to change and maintain the machine except the professional people.
- ◆◆ Please contact us if there is any trouble during operation.

This product does not belong to medical, please don't use for disease treatment!

Advantage

1. By the targeted application of the shockwaves, stress to the surrounding tissues is quite insignificant
2. The body not burdened by pharmaceuticals, except the short-term effect of local anaesthesia if used
3. The possibility of preventing the necessity of surgical intervention and its relevant hazards
4. For some indications, such as tennis elbow, there is really no other effective treatment

General Introduction

A shockwave is defined as a wave with a rapid increase of pressure within a very short time and then having a gradual decrease of pressure with a small negative pressure phase. Shockwave is aimed at the affected area that are the source of chronic pain. The influence of the shockwaves causes the dissolution of calcium deposits and leads to better vascularization. The after-effect is relief from the pain.

Shockwave has the following effects:

- > Cellular: Increase in cell membrane transmittance by improving ionic channels activity, stimulation of cell division, stimulation of cellular cytokines production.
- > Reproduction of vessels in the area of tendons and muscles: Improvement of blood circulation, increase in concentration of growth factor beta1, chemotactic, chemotactic and mitogenic effect on osteoblasts.
- > Effect on nitrogen oxide system: Bone healing and remodeling.
- > Improvement of micro-circulation and metabolism.
- > Dissolution of calcified fibroblasts.
- > Supports the production of collagen.
- > Reduction in tissue tension
- > Analgesic effect.

Parts Introduction

1. Display
2. Shockwave handl
3. Shockwave work head jack
4. Service break jack
5. Power supply line switch
6. General power switch



Accessories



Shockwave work head



1#~5# handpiece

Any part of instrument made of PMMA material (for example: accessories shelf, panel, transparent handles, etc.). Do not use alcohol or corrosive solvent to wipe clean.

Basal Operation

- Put accessories well and connect them to the host.
 - Insert the plug of shockwave work head into (4) output jack
 - Insert the plug of service brake into (3) output jack
 - Choose appropriate handpiece. hold the work head in one hand and unscrew the handpiece from the work head with the other hand(anticlockwise). screw the new handpiece tightly into the work head(clockwise).
 - Insert the plug of power supply line into (5) socket turn on general power switch (6), put into the system default password “000000” , the system enter interface as (Fig 1) shows
 - In interface as (Fig 1)
 - Click on “Basic setting” to select language, set time and date
- NOTICE: Advanced setting is only for engineering debugging, not for user.**
- Click on the corresponding picture where you want to treatment of the screen to enter function interface.
4. This system include 10 function operation parts. this use' s manual use elbow treatment for example. In interface as (Fig 1), click on “Elbow” to enter interface as (Fig2) shows.
5. In the interface as(Fig2):

- “Preselection 2500 Times” stands for when the system works to 2500 time every time, it will pause automatically. please click on any place of the screen according to the hint.
- “Current” stands for the working time of the current treatment course. Click on “RESET” to clear the number of current treatment
- “Frequency 1HZ” stands for the system default work frequency is 1HZ,click on "<" and ">" to regulate. The range is :1HZ-16HZ
- “Energy 50MJ” stands for the system default work frequency is 50MJ,click on “<” and “>” to regulate. When the frequency is 1Hz to 13Hz the energy is rang:50-200MJ.when the frequency is 14Hz the energy is 50-150MJ .when the frequency is 15Hz



Fig 1



Fig 2

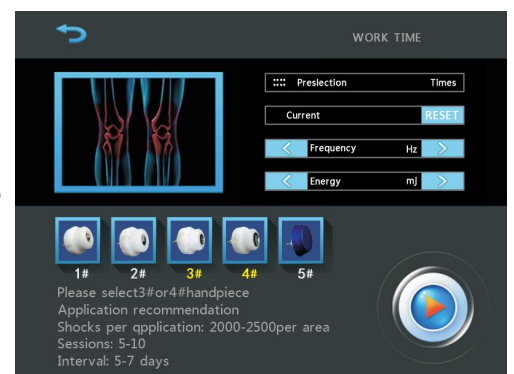


Fig 3

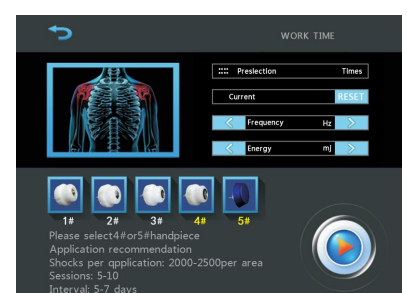


Fig 3

Fig4

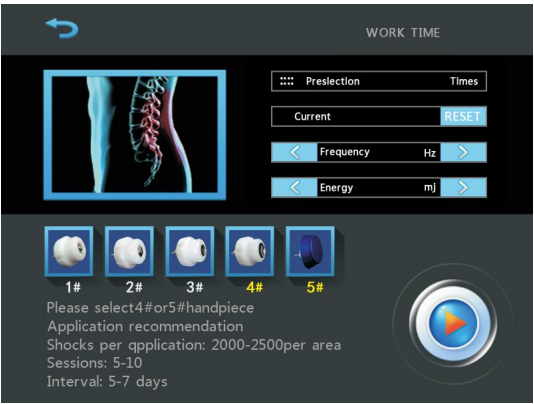


Fig5



Fig6



Fig7



Fig8



Fig9



The energy is 50-130MJ.when the frequency is 16HZ the energy is 50-100MJ

(4) Click on start ,the system is in standby beautician put the service brake under your feet,step on to start working,move away for pause.click on“II” stop ,the system pause

6.This use's manual use touchscreen for example.

Operation

1.Clean the treatment part.

2.According to the treatment part to select appropriate handpiece.

3.Set suitable frequency (the max range is 1HZ-16HZ) and energy (the max range is (50MJ-200MJ)

4.Operating on. Beautician hold the work head in one hand place the handpiece on area/point of treatment just ok. The weight of the work head means that it is normally not necessary to apply pressure to the treatment area/point.

5.Clean the leftovers with hot towel,use warm towel to clean the work head after treatment.

Cautions:

1.Despite high internal damping as a result of the weight and design of the work head, continuous vibrations may cause strain to the user's hand.

2.To avoid heat accumulation in the work head ,it is essential to ensure that the air vents at the top and particularly on the base of the work head are not blocked by the hand holding it or anything else.

3.Applicator head ae expendable parts and must be replaced after a certain period functionality

Conterindications

1. Application to certain tissues:The eyes and the surrounding area,the myocardium,the spinal cord,the gonads,the kidneys and the liver. 2.Blood disorders,coagulation problems or the use of anticoagulants. 3.Polypus in the area of treatment.

4.Thrombosis. 5.Tumor diseases. 6.Polyneuropathy.

7.Growing cartilage in children 8.Therapy using corticoids

9.Inapplicable on areas in proximity to large nerve bundles, bundles ,blood vessels,the spinal cord and the head

Possible Side Effects

1.Erythema or swelling can temporarily occur in the treated area.

2.Loss of bodily sensation or itching can temporarily occur in the treated area.

3.Skin damaga after previous corticoid therapy therapy

4.Shockwave application can cause undesirable heart activity.

Touch Screen Calibration

1.Before turn on the system,please click on the screen,don't move the finger,then turn on the power switch

2.The prompts “Err0” is on the screen,“After releasing the key,we enter into the calibration procedure,Operating under the prompts of the screen”. Then release your finger now.

3.Operating under the prompts:

(1)Press the cross dot in left-top”+” (2)Press the cross dot in right-top”+” (3)Press the cross dot in right-bottom”+” (4)Click on the point(left top)

(5)Click on the point(right bottom)

4.Calibration screen is finished, the system enter”input password”interface. 5.Don't input the password,turn off the power switch,reboot the system.

