# HKS-K01 Stand handle



Stand handle:8\*40mm 640-1200nm for hair removal Life:40000times

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-K02 Big handle 002



430-1200nm for Acne

480-1200nm for age spots, sun spots, pigmentation troubles

560-1200nm for Skin rejuvenation

590-1200nm for red face, red nose, couperosis, spider veins.

640-1200nm for hair removal

Life:60000times

## 003 IPL SYSTEM PARTS



A01 In put&overflow



A04 5.7touch/digital Display



A07 12V power



A02 Outlet



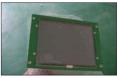
A05 15touch Display



A08 water pump



A03 Fuse&power plug



A06 8.4touch Display



A09 capacitance

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

## IPL SYSTEM PARTS 004



A10 800W IPL power



A13 PC printer



A16 Water cool system



A11 Electric contactor



A14 400W IPL power



A17 PC/15inch Rs232



A12 Radio frequency Power



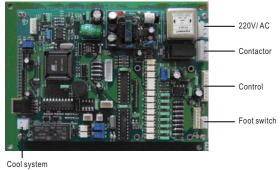
A18 15inch Rs232



Laser glasses&blinder

## **IPL SYSTEM PARTS**

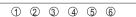




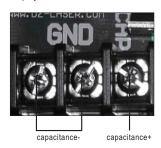
# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

## IPL SYSTEM PARTS 006





1,2 electric switch 3,4 220V AC input 5,6 220V AC output/3A, connect to pump, 12V power Display

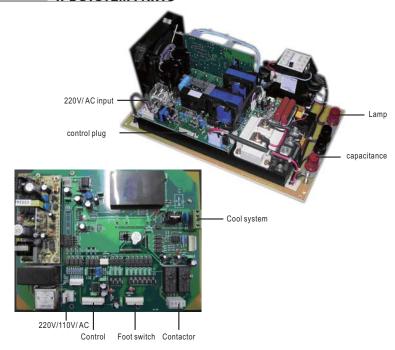




Conect to display, communication cable



## 007 IPL SYSTEM PARTS

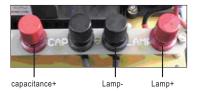


# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

IPL SYSTEM PARTS 008



1,2 electric switch 3,4 220V AC input 5,6 220V AC output/3A, connect to pump,12V power Display



## HKS-801 Portable IPL



#### **APPLICATION**

- \*Hair removal
- \*Skin rejuvenation
- \*Age spots, sun spots, pigmentation troubles
- \*Spider veins & correction of vascular skin troubles.
- \*Acne & anti-inflammatory
- \*Breast beautifying

**DO NOT SALE TO 110V MARKET** 

## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-801 Portable IPL 010



\*Pulse Number:1-6

\*Lamp longevity:60000shots

- \*Energy:15-50J
- \*Pulse width:0.1-10
- \*Pulse delay:1-100
- \*Shot period:2-3second adjust
- \*Display:5.7 inch Touch display
- \*Voltage:AC 110 or 220 volt +- 10%, 50/60 Hz
- \*Power:400W
- \*Cooling system:Wind+water+semiconductor
- \*Certifications:FDA/CE/ROHS
- \*Package size:70\*64\*38cm
- \*Weight:17kg

#### **FEATURES**

\*One handle

Big handle:15\*40mm with 5filter

430-1200nm for Acne

480-1200nm for age spots, sun spots, pigmentation troubles

560-1200nm for Skin rejuvenation

590-1200nm for red face, red nose, couperosis, spider veins.

640-1200nm for hair removal

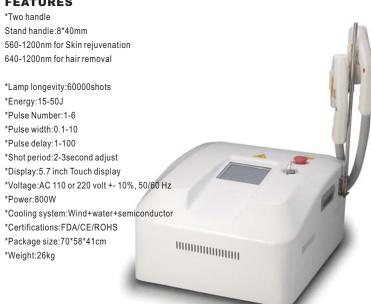
## HKS-801B Portable IPL



## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

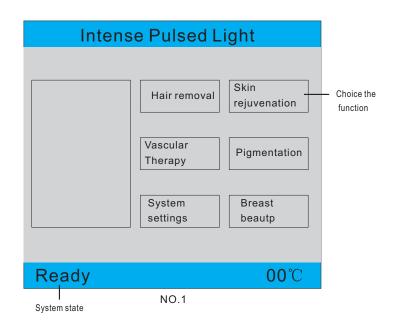
HKS-801B Portable IPL 012

#### **FEATURES**



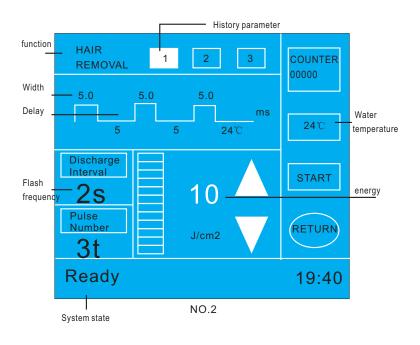
CAN CHANGE BE ONE BIG HANDLE+BIG POWER

# HKS-801/801B

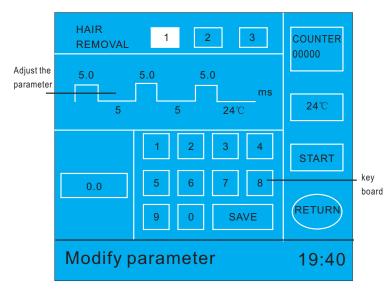


## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-801/801B Portable IPL 014



# HKS-801/801B **015** Portable IPL



NO.3

## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-801/801B Portable IPL

016

#### **Operate Step**

1) fill the water in machine, until the water is out of overflow, Means the water is full of water tank.

2)Connect the power to machine, turn on the back switch, will hear sound from the machine, it is water pump sound then turn on the urgency stop button and key switch, the screen will be light.





Circumgyrate means turn on Press the button means stop

key switch urgency stop button

3)If want make hair removal, Just need press the hair removal button in display, NO.1 photo. The interface will enter NO.2 photo.

4)Choice right parameter. Pulse width:1-10ms Pulse delay:5-100ms Pulse Number:1-6

Flash frequency:2-4second/shot

Energy:1-50J/cm2(Frist shot advice 15J,then increase less than 40J)

press the Start, the handle is ready to shot, then press the small switch button in handle, Can make Treatment now, the Start text change be STOP, then after treatment, press the Stop, the handle light will be close, then can press the RETURN and back to NO.1 photo-Choice other function.

5)Press save, the system will memory last time parameter. total 3sets parameter.

6)Press system setting, the system will enter NO.4 interface. Modify the time, the total shot account, keytone and the Language.

# 017 HKS-801/801B

Intense Pulsed Light			
<u>USER TABLE</u>	0	1	
	2	3	
counter:000022	4	5	
	6	7	
F	8	9	
Language Keytone Clock	SA	VE	
Modify Settings		19:42	

NO.4

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-801/801B Portable IPL 018

## HKS801/801B Treatment parameter

Hair Removal				
Skin Type	Parameter			
Light Skin	PULSE NUMBER	5 - 6		
	No.1 PULSE	10		
	DELAY	7		
	ENERGY	35 - 40		
Dark Skin	PULSE NUMBER	3 - 4		
	No.1 PULSE	5		
	DELAY	10		
	ENERGY	30 - 35		

Skin rejuvenation				
Skin Type	Parameter			
Light Skin	PULSE NUMBER	5 -7		
	No.1 PULSE	10		
	DELAY	7.5		
	ENERGY	30 - 35		
Dark Skin	PULSE NUMBER	3 - 5		
	No.1 PULSE	10		
	DELAY	15		
	ENERGY	25 - 30		

# HKS-811B 019 Master IPL/E-LIGHT

#### **APPLICATION**

\*Hair removal

\*Skin rejuvenation

\*Age spots, sun spots, pigmentation troubles

\*Spider veins & correction of vascular skin troubles.

\*Acne & anti-inflammatory



## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-811B Master IPL/E-LIGHT 020



## HKS-811 021 Master IPL+YAG

#### **APPLICATION**

- \*Hair removal
- \*Skin rejuvenation
- \*Age spots, sun spots, pigmentation troubles
- \*Spider veins & correction of vascular skin troubles.
- \*Acne & anti-inflammatory
- \*Remove black, blue, brown and red tattoo pigments on eyebrow, eye line,

lip line and other parts of body. remove pigment scar and red pigment allergic agent





## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

## HKS-811 Master IPL+YAG 022

Voltage: AC 110 or 220 volt +- 10%, 50/60 Hz 16A

Q-Switched Nd: YAG Laser Wavelength:1064nm+532nm Pulse Energy:Max 200mj Pulse Duration:10ns

Pulse Rate: 1Hz to 5Hz



#### **FEATURES**

\*Automatric parameter

\*Three handle

Stand handle:8\*40mm

640-1200nm for hair removal

Big handle:15\*40mm with 5filter

430-1200nm for Acne

480-1200nm for age spots, sun spots, pigmentation troubles

560-1200nm for Skin rejuvenation

590-1200nm for red face, red nose, couperosis, spider veins.

640-1200nm for hair removal

YAG handle with 2lens.1064nm&532nm

\*Lamp longevity:60000shots

\*Energy:15-50J

\*Pulse Number:1-15

\*Pulse width:0.1-10

\*Pulse delay:1-50

\*Shot period:1-4second adjust

\*Display:8.4 inch Touch display

\*Voltage: AC 110 or 220 volt +- 10%, 50/60 Hz

\*Power:1000W

\*Cooling system:Wind+water+semiconductor

\*Certifications:FDA/CE/ROHS

\*Package size:72\*65\*140cm

\*Weight:58kg

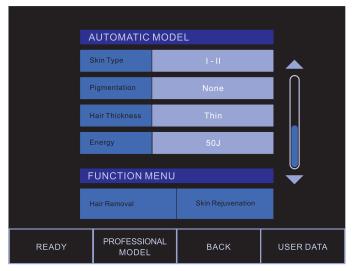
## HKS-811B/811 Operate Interface



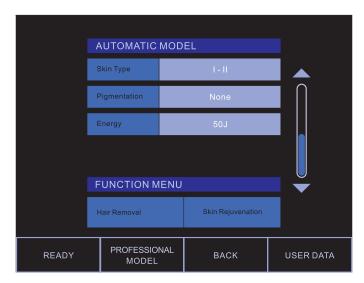
NO.1

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-811B/811
Operate Interface
024



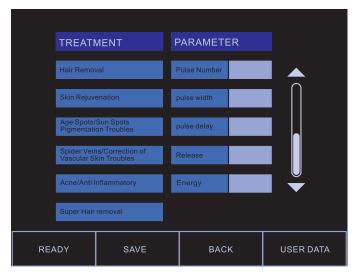
HKS-811B/811 025 Operate Interface



NO.3

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-811B/811
Operate Interface 026



## HKS-811B/811 027 Operate Interface



NO.5

## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-811B/811 **User manual** 

#### **Operate Step**

1) fill the water in machine, until the water is out of overflow, Means the water is full of water tank.

2)Connect the power to machine, turn on the back switch, will hear sound from the machine, it is water pump sound then turn on the urgency stop button and key switch, the screen will be light.





Circumgyrate means turn on Press the button means stop

key switch urgency stop button

3) Choice the Right Language, total is 6 language, the system will enter Automatic interface.

There is hair removal and Skin rejuvenation function in AUTO model.

Skin Type I - II :White Skin III IV:Dark Skin

Pigmentation

Light None medium intense-After in the sun

Hair type

User just need choice right item, then press the Ready, can make treatment now.
4)Some professional doctor can use professional model to make treatment.

Choice right parameter. Pulse width:1-15ms Pulse delay:1-50ms Pulse Number:1-15

Flash frequency: 1-5second/shot(Advice 2 or 3)

Energy: 1-50J/cm2(Frist shot advice 15J, then increase less than 40J)

If press the Save, the system will memory last treatment parameter for future treatment.

5)Press user date, enter NO.5 interface, can adjust the handle temperature and enter the password, can Clean the total shot amount.

6)HKS811 YAG operate manual, please check HKS903 manual.

HKS-807A Super IPL



## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-807A Super IPL

#### **Application**

- \*Hair removal
- \*Skin rejuvenation
- \*red face, red nose, couperosis, spider veins. \*age spots, sun spots,
- pigmentation troubles
- \*Acne
- \*Big area supper hair reomval

#### **FEATURES**

- \*Automatic parameter
- \*Memory history parameter
- \*1handle
- Big handle:15\*40mm with 5filter
- 430-1200nm for Acne
- 480-1200nm for age spots, sun spots, pigmentation troubles
- 560-1200nm for Skin rejuvenation
- 590-1200nm for red face, red nose, couperosis, spider veins.
- 640-1200nm for hair removal
- \*Lamp longevity:60000shots \*Energy:15-50J
- \*Pulse Number:1-6
- \*Pulse width:0.1-10
- \*Pulse delay:1-100
- \*Shot period:2-3second adjust
- \*Display:15 inch Touch display
- \*Voltage: AC 110 or 220 volt +- 10%, 50/60 Hz
- \*Power:1200W
- \*Cooling system:Wind+water+semiconductor
- \*Certifications:FDA/CE/ROHS
- \*Package size:153\*62\*71cm
- \*Weight:51kg

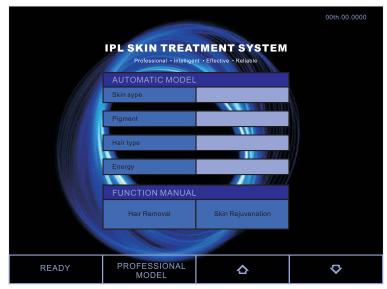
## HKS-807A 031 Operate Interface



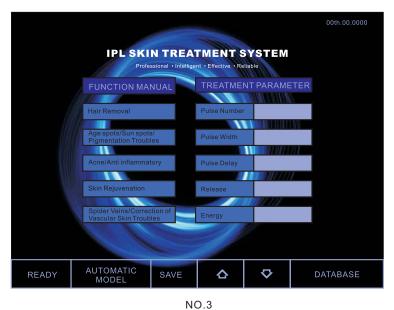
NO.1

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-807A Operate Interface 032

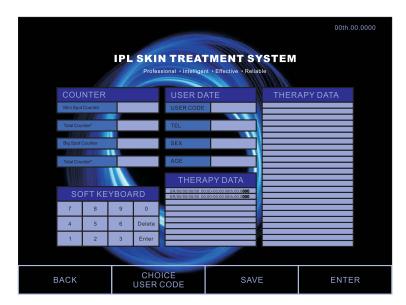


## HKS-807A Operate Interface



SKIN&BODY TREATMENT SYSTEM RUPU Medical

HKS-807A Operate Interface 034



## HKS-807A 035 User manual

#### **Operate Step**

1) fill the water in machine, until the water is out of overflow, Means the water is full of water tank.

2)Connect the power to machine, turn on the back switch, will hear sound from the machine, it is water pump sound then turn on the urgency stop button and key switch, the screen will be light.





Circumgyrate means turn on Press the button means stop

key switch

urgency stop button

3) The system will enter Automatic interface.

There is hair removal and Skin rejuvenation function in AUTO model.

Skin Type

I - II : White Skin III IV:Dark Skin

Pigmentation

Light medium None intense-After in the sun

Hair type

User just need choice right item, then press the Ready, can make treatment now.

4)Some professional doctor can use professional model to make treatment.

Choice right parameter. Pulse width:1-15ms Pulse delay:1-50ms Pulse Number:1-15

Flash frequency:1-5second/shot(Advice 2 or 3)

Energy:1-50J/cm2(Frist shot advice 15J,then increase less than 40J)

If press the Save, the system will memory last treatment parameter for future treatment.

5) Press user date enter NO.4 interface.

## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-807A User manual 036

6) If new client make treatment, Input the client code, tel, sex(Man or woman), age.

Then press Save, the system will memory client data.

Then press enter, the system enter treatment interface by this new user.

If press the back, system enter treatment interface not by this new user.

7) If old client make treatment, Press the CHOICE, then put the codein USER CODE.

The system will show all history memory.

Include function, pulse number, pulse width, pulse delay, how many shots, energy, treatment time.

HKS-807B Computer IPL





## SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-807B Computer IPL 038

## **Application**

- \*Hair removal
- \*Skin rejuvenation
- \*red face, red nose, couperosis, spider veins. \*age spots, sun spots,
- pigmentation troubles
- \*Acne
- \*Big area supper hair reomval

#### **FEATURES**

- \*Automatic parameter
- \*Memory history parameter
- \* Print Historyparameter
- \*Input Skin photo

Standhandle:8\*40mm,640-1200nm for hair removal

Big handle:15\*40mm with 5filter

430-1200nm for Acne

480-1200nm for age spots, sun spots, pigmentation troubles

560-1200nm for Skin rejuvenation

590-1200nm for red face, red nose, couperosis, spider veins.

640-1200nm for hair removal

- \*Lamp longevity:60000shots
- \*Energy:15-50J
- \*Pulse Number:1-6
- \*Pulse width:0.1-10
- \*Pulse delay:1-100 \*Shot period:2-3second adjust
- \*Display:15 inch Touch display
- \*Voltage: AC 110 or 220 volt +- 10%, 50/60 Hz
- \*Power:1200W
- \*Cooling system:Wind+water+semiconductor
- \*Certifications:FDA/CE/ROHS
- \*Package size:65\*48\*120cm
- \*Weight:62kg

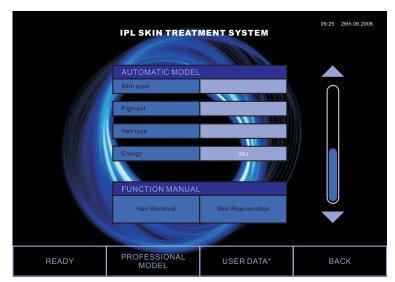
## HKS-807B Computer IPL



NO.1

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-807B Computer IPL 040



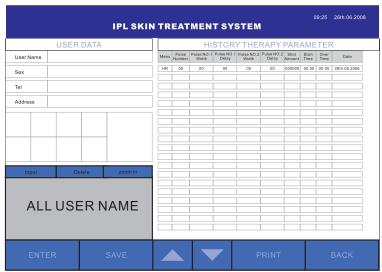
HKS-807B Computer IPL

# IPL SKIN TREATMENT SYSTEM USER NAME: FUNCTION MENU Hair Removal Pulse Number NO.1 pulse width NO.1 pulse delay Pigmentation Troubles NO.2 pulse delay NO.2 pulse delay NO.2 pulse delay Release Acne/Ant Inflammatory NO.2 pulse delay Release Release Release Release READY AUTOMATIC MODEL MEN Space No.2 Seth.06 2008 No.3 pulse delay Total Counter No.2 pulse delay Acne/Ant Inflammatory No.2 pulse delay Acne/Ant Inflammatory No.2 pulse delay BACK READY AUTOMATIC MODEL BACK

NO.3

# SKIN&BODY TREATMENT SYSTEM RUIPU Medical

HKS-807B Computer IPL 042



## HKS-807B 043 User manual

#### **Operate Step**

1) fill the water in machine until the water is out of overflow, Means the water is full of water tank.

2)Connect the power to machine, turn on the back switch, will hear sound from the machine, it is water pump sound, then turn on the urgency stop button and key switch, the screen will be light.





Circumgyrate means turn on Press the button means stop

key switch

urgency stop button

3)Choice the Right Language, total is 7language, the system will enter Automatic interface. There is hair removal and Skin rejuvenation function in AUTO model.

Skin Type

I - II : White Skin III IV : Dark Skin

Pigmentation

None Light medium intense-After in the sun

Hair type

thin medium thick

User just need choice right item, then press the Ready, can make treatment now.

4)Some professional doctor can use professional model to make treatment.

Choice right parameter. Pulse width:1-15ms Pulse delay:1-50ms Pulse Number:1-15

Flash frequency:1-5second/shot(Advice 2 or 3)

Energy: 1-50J/cm2(Frist shot advice 15J, then increase less than 40J)

If press the Save, the system will memory last treatment parameter for future treatment.

5) Press user date password is 123456 enter NO.4 interface. User data.

6)When want build a new sufferer Data, write the name/tell/sex/address. Then press the SAVE button.

Then press the history area, the system will write the name in Operate interface, The system start to

## SKIN&BODY TREATMENT SYSTEM

HKS-807B User manual

044

Memory of this sufferer. If press the BACK, the system will not make memory.

7) Press Enter button in NO.4 page.

The system will show all client name, Then choice one name and press Enter or press 2 times in empty ground, The system will enter treatment interface by this user.

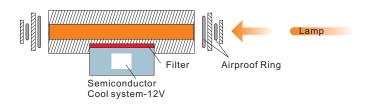
If Choice this user name then press back will enter treatment interface without user name.

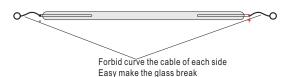
8) User can input the before and after photo in system and can zoom in the photo.

9) Choice one client name, then system will show all history treatment parameter in right interface.

Then choice one time parameter, press the print and all data will be print by print machine.

Pint data include Pulse Number Pulse width Pulse delay. Shot amount treatment time...





045

#### Preparation before treatment by IPL

- 1)No inflammation in the treatment part.
- 2)No treatment for pregnant woman
- 3) Fomentation on the treatment part avoid skin dehydration.
- 4)No cosmetic left, clean the treatment part.
- 5) Taking photo before treatment, compare the effect after operation.

#### Pay attention to skin tender

- 1)Insist on treatment the whole focus area, avoid skin aberration.
- 2)Uniformly smear the IPL glue on the skin surface which is on treatment.
- 3)Test a facula near ear first, then observe the reactive of skin, If the skin shows a slight red, it means the energy is lower or natural, If the skin becomes into heavy red, it means the energy and the is higher, you must reduce the energy level.
- 4)When you adjust the parameter of energy, you do not change it very fast, keep the gap between 1 or 2 level every times.
- 5)If the skin is heavy black or sensitive, the skin will be light after 24 to 48 hours, do not change the energy level very fast based in this status.
- 6) After skin tender you can apply the skin with cool water except ice, pay attention to sunlight.

#### Pay attention to hair removal

- 1)scrap off the hair of treatment area.
- 2) Equality smear the IPL glue on the face of the skin which will be treatment.
- 3)Test 3 facula where you will hair removal, then observe the reactive of skin, If the skin turn into light red, it means the energy is lower or natural, If the skin turn into heavy red, it means the energy and the is higher, you must reduce the energy level.
- 4)When you adjust the parameter of energy, you do not change it very fast, keep the gap between 1 or 2 level every times.
- 5)If the skin is heavy black or sensitive, the skin will be light after 24 to 48 hours, do not change the energy level very fast based in this status.
- 6) After hail removal you can apply the skin with cool water except ice, pay attention to sunlight.

## SKIN&BODY TREATMENT SYSTEM

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#### Skin appearance after treatment:

- 1)Reddish swelling on treatment part on the moment, it will disappear shortly.
- 2)To some special customers need to be higher, when you make the Volt too high, there comes the scab, but it will drop off naturally after 7 days, not to scratch it, skin becomes normally about 2 days. Taking some Vitamins can lighten the pigment circumfluence. Usually there is a feeling of scorching or slight bleeding, it is normal and no scar.
- 3)When the scabs fade away, the treatment part shows pink, 2-3 weeks later it appears coffee color, and 1-2 months later recover .

#### Care after treatment by IPL

- 1) Can wash the skin with water or Non-stimulator after treatment.
- 2)If there is slight bleeding when adjust the Volt higher, please wipe off and smear the Antiphlogistin, until the scab drops off .Not cosmetic or other medicines.
- 3) If the treatment parts is flush and feeling it not comfortable, can do ice compress.
- 4)Before the scab dropping off, the treatment part must be care not to touch water, not being scratching, avoiding certain food of hot, dark color of coffee, Coco Cola etc. Prohibit smoking and drinking. Let the scabs desquamate naturally not scale off in a force.
- 5) Not taking plenty of sports avoiding of sweat infection.
- 6) After the scab desquamating, No need to coat the Illotycin again, just smear the suntan lotion (SPF
- 15 upwards) even in the room preventing UVA/UVB and keep along 3 to 6 months because of the treatment skin sensitivity to the sunlight. Using suntan lotion or umbrella preventing can improve the effect early
- 7)Period for laser treatment: according to the different treatment parts and pigment dark or not, the treatment may be several times. Normally one period of treatment is 1-2 times, every time at 20-30 days interval. If there is no special, every 2-4 weeks go to clinic check again, if there is anything abnormally, please cure it early.
- 8))Pigment fade away is a slow process, for the pigmentation skin, normally it is 1-3 months. In order to get more favorable effect, repeated treatment should be 1-3 months interval.

047

#### Maintenance

- 1)Be care to change the water in the machine each month avoiding the power decreased.
- 2)Clean the output windows for Light heads before or after the operation avoiding the result of treatment affected
- 3)Be care not to irradiate the machine avoiding the surface of machine injured.

Connecting the Affusion Orifice and weeping hole when you carry the machine back and forth .Be care to take off it when you next time operate it .If don't operate like normal program, burnout of light head will belong to user itself (FOR IPL MACHINE)

#### Store method and lifetime

- 1)Store under the Temperature Range of 5  $^{\circ}\mathrm{C}$  -40  $^{\circ}\mathrm{C}$  avoiding the light head being damaged by the cooling water in the machine.
- 2)Store under the Relative Humidity of below 80% avoiding sunlight beating directly.
- 3)Store under the Atmospheric Pressure of 70 KPa-106Kpa.
- 4) Light Head flashes more than 40000 times, the screen can show the times. As the time is more than 39500, be care to test the out put power. If the energy ebbs very weak, please replace the Xenon Lamp.

#### **Common Questions and Fixing**

- 1)No signal after power on .The reason is that the power plug doesn't reach it , please directly connect the power plug .
- 2)No signal after power on because of the fuse blowing. Please replace the fuse with 10A/110 VAc.
- 3)No signal on the screen because that the Crash-stop switch being pressed . Please lift the Crash-stop switch up.
- 4)Touch-off light is off state pressing the button on the screen when the machine is on preignition. One reason is that the Xenon Lamp is damaged need to replace a new one. Another reason is that the life time for Xenon is full, change a new one.
- 5)Water leaking out of machine, because of the impact during on shipment process. May in the tube joint. Please call the service people to deal with it.
- 6.If you feel the energy is not big enough or the curing treatment is not well enough, the reason maybe the temperature is too higher or no water in the machine and damaged the body machine .Please stop firstly, after half an hour starting the machine again.

## SKIN&BODY TREATMENT SYSTEM

048

#### HKS801B/800B/811/807A/807B Treatment parameter

SKIN TYPE	A	Light skin
SKINTIFE	В	Dark Skin
PIGMENTATION	1	none
	2	light
	3	medium
	4	intense
HAIR THICKNESS	С	thin
	D	medium
	E	thick

Skin rejuvenation						
	Pulse Number	NO.1 Width	NO.1 Delay	NO.2 Width	NO.2 Delay	Energy
A1	1	9.7	0	0	0	28
A2	1	9.2	0	0	0	27
A3	1	8.8	0	0	0	26
A4	1	8.4	0	0	0	25
B1	2	9.2	10	9.2	10	26
B2	2	8.8	10	8.8	10	25
В3	2	8.4	15	8.4	15	24
B4	2	8.2	15	8.2	15	23

## HKS811B/811/807A/807B Treatment parameter

Hair Removal						
	Pulse Number	NO.1 Width	NO.1 Delay	NO.2 Width	NO.2 Delay	Energy
A1C	1	9.5	0	0	0	36
A1D	1	8.5	0	0	0	35
A1E	1	7.5	0	0	0	33
A2C	1	8.5	0	0	0	34
A2D	1	7.5	0	0	0	33
A2E	1	6.5	0	0	0	32
A3C	2	7.5	10	7.5	10	32
A3D	2	6.5	10	6.5	10	31
A3E	2	6	10	6	10	30
A4C	3	7	15	7	15	30
A4D	3	6	15	6	15	29
A4E	3	5.5	15	5.5	15	28
B1C	3	9	5	9	5	35
B1D	3	8	5	8	5	34
B1E	3	7	5	7	5	33
B2C	3	8.5	10	8.5	10	33
B2D	3	7.5	10	7.5	10	32
B2E	3	6.5	10	6.5	10	31
B3C	3	7.5	15	7.5	15	31
B3D	3	6.5	15	6.5	15	30
B3E	3	5.5	15	5.5	15	29
B4C	5	6.5	17	6.5	17	29
B4D	5	6	17	6	17	28
B4E	5	5.5	17	5.5	17	27