BLS801C

Intense Pulse Light

User&Training Manual

CE LVD tested EMC tested ROHS

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Intense Pulse Light Safety Guidelines

The Following information is provided for the correct utilization of IPL Skin treatment system.the Information includes not only the accident protection regulations the products comply with,but also the effective regarding proper use of the products.

1)Electric safety regulation

The EMC Directive 89/336/EEC amended by 92/31/EC &93/68/EECEN55015:2000+A1+A2/LUM200704025/ EMCEN61000-3-2:2000+A2/LUM200704025/EMCEN 61000-3-3:1995+A1+A2/LUM200704025/EMCEN61547: 1997+A1/LUM200704025/EMC

2)Material ROHS test2002/95/EC

Restriction of use of certain Hazardous Substance in Electrical&electronics Equipment/ROHS.

3)Electromagetic radiation safety regulation LVD/ EN60601-1:2006/AGC10430904GZ05E3EMC/EN60601 -1-2:2001+A1:2006/AGC10430904GZ05E1

4)ISO13485:2003 MEDICAL/33021200005459

5)ITC MEDICAL CE

IPL SKIN TREATMENT SYSTEM belongs to Ⅱa according to MDD directive,It designed according to EN 980:2003; EN 1041:1998; EN ISO 14971:2007; EN 60601-1-2:2007; EN 61000-3-2:2006;EN 61000-3-3:1995+A1:2001+A2: 2006; EN 60601-2-22:1996;
EN 60601-1-4-1996+A1-1999; EN 60601-1:2006.

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Certificate

Certification body of the management system No. 3002
Institute for Testing and Certification, Inc.
T. Bati 299, 764 21 Zlin, Czech Republic
www.itczlin.cz

CERTIFICATE

No. 09 0154 SJ

We confirm on the basis of a performed audit that company

NINGBO RUIPU MEDICAL EQUIPMENT CO., LTD.
Gulin Industrial, Yinzhou, Ningbo, China
Company Reg. No.: 330212000054529

has implemented and documented a functional quality management system in compliance with the requirements of the standard

EN ISO 13485:2003

Covering the following activities:

Production and Distribution for IPL Skin Treatment System, Radio Frequency and Laser Apparatus for Medical Use

The Certificate is issued on the basis of the results mentioned in Audit Report No. 233401385/2009. The Certificate validity is conditioned by postive results of surveillance audits, which the certified company committed to undergo.

Date of issue: 27. 07. 2009
Valid until: 31. 07. 2012

Ing. Pavel Vaněk
Head of Certification Body

Notified Body No 1023
INSTITUTE FOR TESTING AND CERTIFICATION, Inc.
Zlin, Czech Republic – www.itczlin.cz

EC CERTIFICATE

No. 09 0739 QS/NB

issued in compliance with the Council Directive 93/42/EEC as amended, which is implemented by the Czech Government Order No. 336/2004 (Collection of Laws), certifies that the medical devices of Class IIa:

IPL SKIN TREATMENT SYSTEM
Models: HKS801, HKS801B, HKS801C, HKS801E, HKS807A, HKS807B, HKS811, HKS811B, HKS820, HKS820B

manufactured by company

NINGBO RUIPU MEDICAL EQUIPMENT CO., LTD.
Gulin Industrial, Yinzhou, Ningbo, China

is manufactured under conditions fulfilling the quality system requirements of Annex V, Section 3.2 of the Directive 93/42/EEC, as amended.

The Notified Body No. 1023 has performed an audit of the above products quality system covering the design, manufacture and final inspection of the certified products. The quality system has been assessed, approved and is subject to continuous surveillance according to Annex V, Sections 3.3 and 4 of the Directive 93/42/EEC. The detailed description of the system parts, requirements and measures applied by the manufacturer are presented in the Final Report No.803800052/2009, which is enclosed to this Certificate.

This Certificate is issued under the following conditions:

1. *It applies only to the quality system maintained in the manufacture of above referenced models of medical devices and it does not substitute the design or type-examination procedures, if requested.*
2. *The Certificate remains valid until the manufacturing conditions or the quality system are changed but until the* ***29th October 2014*** *at the latest.*
3. *The Certificate validity is conditioned by positive results of surveillance audits.*
4. *After fulfilling the relevant EC legislation, the manufacturer shall affix to each medical device, of the above referenced models, the CE-marking followed by the number of the Notified Body according to this example*

CE 1023

Issued in Zlin, on 30th October 2009

RNDr. Radomír Cabelík
Representative of the Notified Body No. 1023

Question

Why is IPL better than other treatments?
In addition to treating multiple symptoms and locations in each session, IPL is gentle, non-invasive and safe. Because of this, there is no "down time." You see results in the complexion and the skin texture of the entire face. You can return to your normal routines and activities immediately. In fact, many people even schedule their sessions during their lunch break. Additionally, IPL treatments are customized to your specific skin type and color, providing the best possible results.

What areas can be treated with IPL systems?
The IPL System can remove hair from all parts of the body including the face, legs, arms, underarms, and back. It can also treat sensitive areas like the chest, nipples and bikini line.

What do IPL treatments feel like?
As the name implies, the IPL hand-piece cools and sooth es as it glides along your skin. When the pulse of lights delivered, some patients experience a mild pinching or stinging sensation. No local anesthesia or pain medication is typically required, however some patients may prefer to use a topical anesthetic when sensitive areas are treated.

How many treatments will I need?
Most areas require 3-6 treatments, but the number of IPL treatments you may require for optimal long-term benefits depends on various factors such as your hair thickness, the area treated, and your hair growth

Question

cycle. Interestingly, not all hairs are actively growing at the same time, but actually go through three distinct phases; growth, regression, and resting. IPL systems work by disabling the hair that is principally in the active growth phase at the time of treatment. Since other hairs will enter this active growth phase at different times, additional treatments may be necessary to disable all of the hair follicles in a given area.

How is IPL used to treat benign vascular lesions?
Aging, sun exposure and other factors can cause the appearance of broken capillries and blood vessels on the face known as telangiectasias, which appear as spider veins. Sometimes broken capillaries can cause a diffused redness in the skin, called erythema, a source of social embarrassment for many people. Rosacea is a common skin condition that is characterized by diffused erythema. All of these conditions

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1.Product Information

1.PRODUCT INFORMATION

APPLICATION
*Hair removal
*Skin rejuvenation
*red face, red nose, couperosis, spider veins.
*age spots, sun spots, pigmentation troubles
*Acne

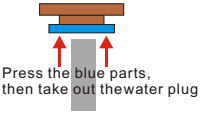
FEATURES
*1handle
Big handle:15*50mm with 6filters
640-1200nm for hair removal
590-1200nm for red face, red nose, couperosis, spider veins.
560-1200nm for Skin rejuvenation
430-1200nm for Acne
480-1200nm for age spots, sun spots, pigmentation troubles
750-1200nm for hair removal in Dark Skin
*Lamp longevity:120000shots
*Energy:15-50J
*Pulse Number:1-15adjust
*Pulse Width:1.0-20.0
*Pulse Delay:1-50
*Shot period:2-5second adjust
*Display:10.4 inch Touch display
*Voltage:110V or 220V
*Power:1000W
*Cooling system:Wind+water+semiconductor
*Certifications:CE/ROHS
*Pakcge size:70*50*50cm
*Weight:35kg
*Free part:laser glasses,funnel

2.Installation Alignment and operation procedures

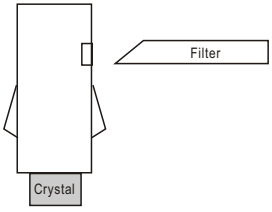
2.1 Open the Package and checking all parts.

2.2put the handle holder on machine by screw.then connect well the handle in back of machine.

2.2 put the water to Input,when water is out of overflow means the water tank is full

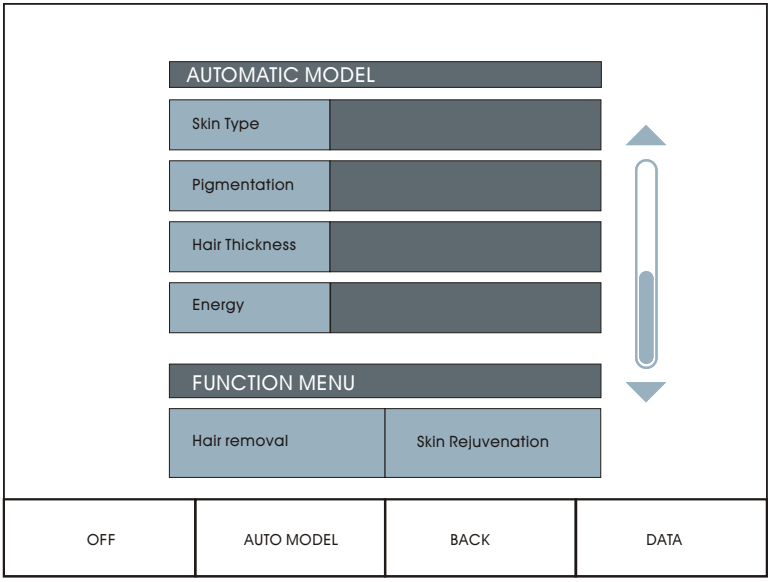


2.3 Put the filter in handle



3.Operate the Device

3.1 Auto interface



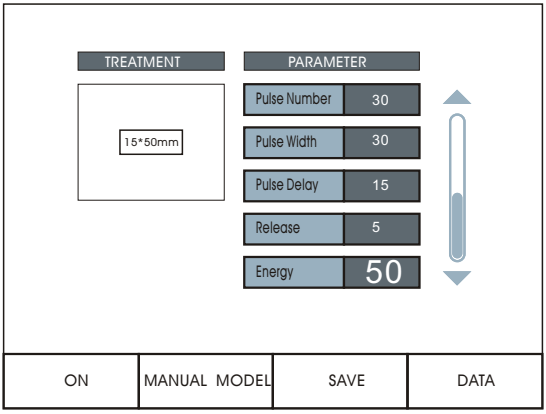
Skin Type: Ⅰ-Ⅱ White Skin Ⅲ Ⅳ Dark Skin

Pigmentation:None Light Medium Intense

Hair Thickness:Thin Medium Thick

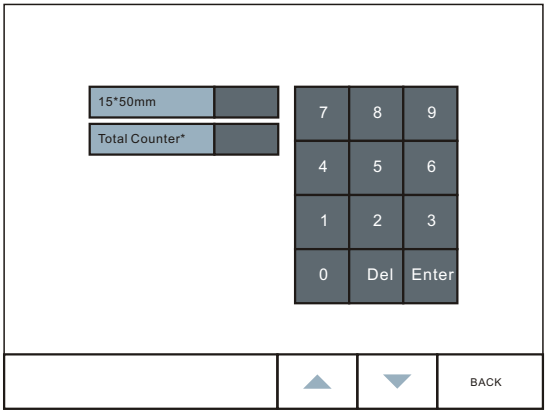
3.Operate the Device

3.2 Manual interface



Save:Save the parameter for current
Release:time for each shot distance

3.3 Data interface

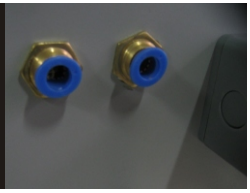


15*50mm:current shot account,press it will be 0
total couonter:all shot account,need input password for 0

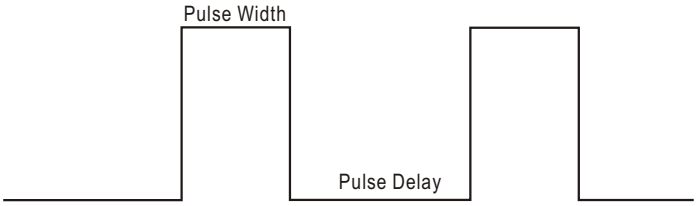
3.Operate the Device

3.3 Operating&setting

Before turn on machine, must take out the water Plug from machine back.



Choice one model language in Screen.The system will enter Auto model.In Auto model,the system have memory right parameter for many treatment.Only need chice right Skin type,Pigment,Hair thichness,then press the READY,the Machine can start to work.Manual model,User can input right parameter to fix sufferer treatment.Choice different filter to make different treatment.User Data show the current shot amount and total amount.
Delete total shot amount need password.



3.4 Finish the treatment.
Frist need press the ON in screen,make the lamp off.Then turn off the key switch+urgency button+main electric switch.
Do not let the lamp be light when the user leave for long time.

4.Treatment Parameter

Dark hair by lower width
Light hair by higher width
thickness hair by higher delay and lower energy
thin hair by lower delay and higher energy
dark skin by higher delay and lower energy
light skin by lower delay and high energy
When add the width that can not reduce the energy
when reduce the width that can not add the energy

SKIN TYPE	A	I - II
	B	III - IV
PIGMENTATION	1	none
	2	light
	3	medium
	4	intense
HAIR THICKNESS	C	thin
	D	medium
	E	thick

Skin rejuvenation				
	Pulse Number	Pulse Width	Pulse Delay	Energy
A1	1	9.7	0	28
A2	1	9.2	0	27
A3	1	8.8	0	26
A4	1	8.4	0	25
B1	2	9.2	10	26
B2	2	8.8	10	25
B3	2	8.4	15	24
B4	2	8.2	15	23

4.Treatment Parameter

Hair Removal				
	Pulse Number	Pulse Width	Pulse Delay	Energy
A1C	1	9.5	0	36
A1D	1	8.5	0	35
A1E	1	7.5	0	33
A2C	1	8.5	0	34
A2D	1	7.5	0	33
A2E	1	6.5	0	32
A3C	2	7.5	10	32
A3D	2	6.5	10	31
A3E	2	6	10	30
A4C	3	7	15	30
A4D	3	6	15	29
A4E	3	5.5	15	28
B1C	3	9	5	35
B1D	3	8	5	34
B1E	3	7	5	33
B2C	3	8.5	10	33
B2D	3	7.5	10	32
B2E	3	6.5	10	31
B3C	3	7.5	15	31
B3D	3	6.5	15	30
B3E	3	5.5	15	29
B4C	5	6.5	17	29
B4D	5	6	17	28
B4E	5	5.5	17	27

5.Treatment Procedure

5.1 Shave the hair on skin and left hair be 1-2mm.

5.2 Put the Gel on skin,Gel Thickness is around 1mm.

5.3 Touch well the crystal on skin.

5.4 After treatment,clean the Skin by warm water.

6.IPL Treatment General Knowledge

6.1.Curative effect

After frist one or two treatment,the hair can lost 80%.

After 4-5 treatment,the hair will lost 95%.then no hair grow or less thin hair grow.(Acceptable)

6.2.treatment Caution And the principle

For treatment is that the patient should feel little Acceptable pain.Keep the skin be cool.

Never shot to eyes

6.3. Taboos

a.To avoid using the machine on the abdomen of the pregnant women or women in menses

b.To avoid using the machine on around the parts under which metal,plastic or silicon wee buried.

c.To avoid using the machine on around the medical and electric instrument,such as the hearing aid,heart starter, mechanical heart,etc.

d.To avoid using the machine on the epileptic and those in bad health

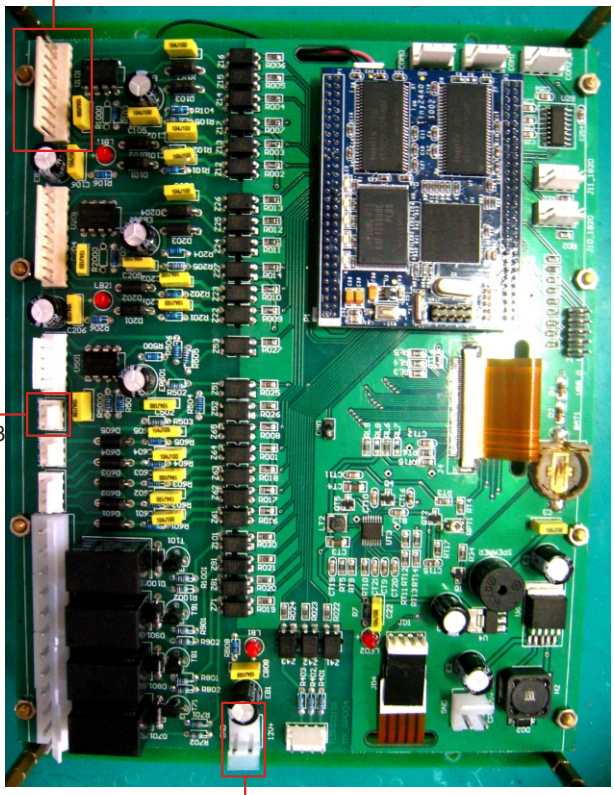
e.To avoid using the machine on the wound aroung the treatment area and the areas with metals inside of the body.

f.To avoid using the machine on people who has high blood pressure or diabetes or serious skin diseases or heart diseases, or who is sensitive to electric current,or who is reveiving hormone treatment.

7.Service

7.1.Screen

Message control cable

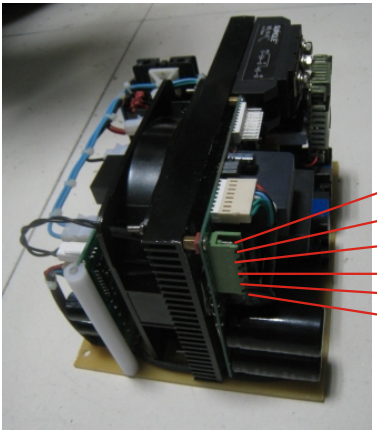


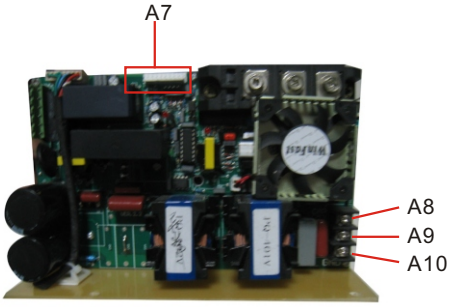
Foot Switch
NO.1 and NO.3
Pin

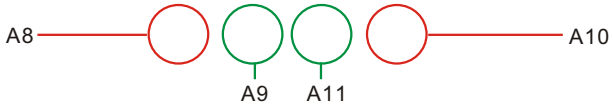
Connect to 12V
offer the power of screen

7.Service

7.2.IPL Power Supply



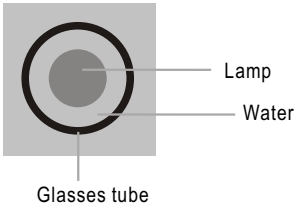


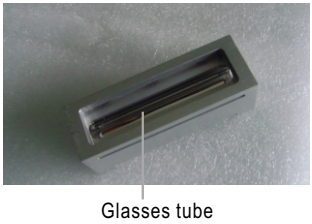


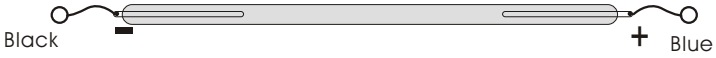
A1A2 220V or 110V AC out to 12V Power box.
A3A4 220V or 110V AC in.
A5A6 to Key Switch and Urgent Button.
A7 Message control to Screen board
A8 to CAP+,A9 to CAP-,A10 to lamp-

7.Service

7.3.Change Lamp

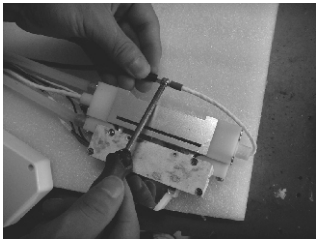




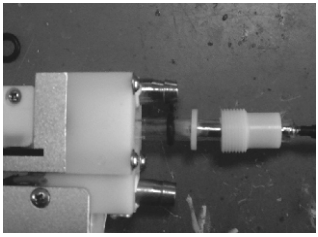


7.3.1.Disconnect the panel of handle

7.3.2.take out the screw of the wire connection of lamp
(The insulating tape, protecting electricity leakage)



7.3.3.Screw off these two plastic caps.
Take care inside tubber airproof ring,
Draw out the break lamp from inside.



7.3.4.Put the new lamp inside, do not break each side cable of lamp.(Very important)

8.Our IPL Device superiority

6.1.Whole ABS Plastic Mould.

6.2.Automatic program for treatment,the hair and skin data is from Europe and USA famous clinical.

6.3.Super cooling system for reduce pain.

6.4.It does not present any contagious risk.

6.5.Maximum security for the client, default programs

6.6.Super treatment effect

We Are Looking for Sale agent over the world.