

Dermatology category
Dermatology & Aesthetics



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COMPANY PROFILE

As a large-scaled stock enterprise, Kernel Medical Equipment Co. Ltd dedicates itself to R&D, production, marketing and service of hi-tech-oriented medical equipment. Kernel company has passed FDA, CE and ISO9001 quality authentication earlier than other companies in this field, who is also an UN supplier.

Kernel emphasizes importance of market construction and expansion both at home and abroad. Now there are over hundreds of distributors in the domestic market and abroad. The excellent after-sale service and flexible market operation mechanism enlarges and perfect its international networks of marketing and service.

PRODUCT CATALOGUES

<p>p01 KN-4001A/B/AB UV Phototherapy</p> 	<p>p03 KN-4002A/B/AB UV Phototherapy</p> 	<p>p05 KN-4002A2/B2/AB2 UV Phototherapy</p> 	<p>p05 KN-4002A2/B2/AB2 UV Phototherapy</p> 	<p>p05 KN-4002B2 UV Phototherapy</p> 	<p>p07 KN-4003A/B&AL/BL UV Phototherapy</p> 	<p>p09 KN-4003B2 UV Phototherapy</p> 	<p>p11 KN-4003AL2/BL2 UV Phototherapy</p> 
<p>p13 KN-4004A/B/AB UV Phototherapy</p> 	<p>p13 KN-4004A2/B2/AB2 UV Phototherapy</p> 	<p>p15 KN-4005A/B/AB UV Phototherapy</p> 	<p>p17 KN-4006A/B&AL/BL UV Phototherapy</p> 	<p>p19 KN-4006AL/BL UV Phototherapy</p> 	<p>p21 KN-4006A2/B2 UV Phototherapy</p> 	<p>p21 KN-4006AL2/BL2 UV Phototherapy</p> 	<p>p21 KN-4006AL/BL UV Phototherapy</p> 
<p>p23 KN-4000M UV Skin Tester for MED and MPD</p> 	<p>p25 KN-9000B LED Wood's Lamp</p> 	<p>p29 KN-5000A Derma 308 Targeted Phototherapy</p> 	<p>p29 KN-5000B Derma 308 Targeted Phototherapy</p> 	<p>p31 KN-5000C Excimer 308 targeted phototherapy</p> 	<p>p31 KN-5000D Excimer 308 targeted phototherapy</p> 	<p>p33 KN-7000A Photodynamic Therapy</p> 	<p>p35 KN-7000C Photodynamic Therapy</p> 
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THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4001

UV Phototherapy



KN-4001A/B/AB

KN-4001A/B/AB: 1250mm×950mm×2300mm (L×W×H)
KN-4001A../B../AB: 1250mm×950mm×2500mm (L×W×H)

Function introduction

- 8" TFT LCD touching screen, case management function
- With stable and long usage life Philips special UV lamps as light source
- 40 pieces 100W UV lamps, various combinations
- Microcomputer controls on dose or time to guarantee the treatment precision
- PUVA output and NBUVB output work separately or simultaneously
- High intensity UV phototherapy output effective treatment can reduce treatment cycles and times
- Microcomputer real-time display the working status of the equipment

Specification

KN-4001A	40×100W—UVA- I
KN-4001B	40×100W—NBUVB
KN-4001AB	20×100W—UVA- I、20×100W—NBUVB
KN-4001A ₁	40×120W—UVA- I
KN-4001B ₁	40×120W—NBUVB
KN-4001AB ₁	20×120W—UVA- I、20×120W—NBUVB

- Hardware and software double monitoring function, ensure the patients' safety
- Scientific ventilation and cooling system, wide and comfortable treatment space
- Unique anti-interference technology, ensure the normal use of equipment in strong magnetic field
- Optional special software of remote control and case management functions
- With optional UV intensity measurement system, real-time displays the irradiation intensity

UV lamp parameter

TL100W/10-R	350-400nm
TL100W/01	311-312nm
TL100W/09	320-400nm
TL120W/10-R	350-400nm
TL120W/01	311-312nm
TL120W/09	320-400nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4002

UV Phototherapy



KN-4002A/B/AB

1056mm×804mm×1060mm (L×W×H)

Function introduction

- KN-4002 series are floor type half-body UV phototherapy devices.
- Adopt stable and long usage life Philips special UV lamps as light source.
- 10 pieces UV lamps of various combinations (UVA, NBUVB, UVA + NBUVB), high intensity UV light output to reduce treatment time.
- Microcomputer controls the radiation dose or time.
- PUVA output and NBUVB output able to work separately or simultaneously.
- Special coating optical reflective material is used in the irradiator, improve the efficiency of irradiation.
- Treatment head can be lifted up and down electrically (Vertical lifting

distance: $\geq 36\text{cm}$, rotation angle: $\geq 90^\circ$), and it can be locked in any angle and rotated in a certain angle; --Patients can choose lying, sitting and other states to undergo treatment.

- Microcomputer control and dual monitoring function of software and hardware, ensures the patients' safety during treatment.
- Unique anti-interference technology, ensure the normal use of equipment in strong magnetic field.
- Optional special software of remote control and case management functions.

Specification

KN-4002A	10×40W—UVA- I
KN-4002B	10×20W—NBUVB
KN-4002AB	6×40W—UVA- I, 4×20W—NBUVB

UV lamp parameter

TLK40W/10-R	350-400nm
TL20W/01	311-312nm
TLK40W/09R	320-400nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4002

UV Phototherapy



KN-4002A₁/B₁/AB₁



KN-4002A₂/B₂/AB₂



KN-4002A₃/B₃

KN-4002A₁/B₁/AB₁: 600mm × 220mm × 700mm (L × W × H)
KN-4002A₂/B₂/AB₂: 600mm × 140mm × 700mm (L × W × H)
KN-4002B₃: 750mm × 750mm × 1700mm (L × W × H)

Function introduction

- With stable and long usage life Philips special UV lamps as light source
- High-grade professional design, with optional floor type and desk type
- Microcomputer controlling of dose or time ensures the treatment accuracy, convenient for doctors to operate
- Easy to operate with remote controller, treatment head can be rotated by 90° (KN-4002A₃/B₃)
- Internal reflectors improve the efficiency of exposure
- Unique anti-interference technology ensures the normal use of equipment in strong magnetic field
- Unique voice prompt function makes treatment process more humanization
- Air operated stand is optional(KN-4002A₁/B₁/AB₁), which can move the irradiator up and down

Specification

KN-4002A ₁	8 × 40W—UVA
KN-4002B ₁	8 × 20W—NBUVB
KN-4002AB ₁	4 × 40W—UVA、4 × 20W—NBUVB
KN-4002A ₂	4 × 40W—UVA
KN-4002B ₂	4 × 20W—NBUVB
KN-4002AB ₂	2 × 40W—UVA、2 × 20W—NBUVB
KN-4002A ₃	2 × 40W—UVA
KN-4002B ₃	2 × 40W—NBUVB

UV lamp parameter

TLK40W/10-R	350-400nm
TL20W/01	311-312nm
TLK40W/09R	320-400nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4003

UV Phototherapy



KN-4003A/B



KN-4003AL/BL

317mm×52mm×48mm (L×W×H)

Function introduction

- Stable and long usage life Philips special UV lamps as light source
- Small size and light weight, convenient for patients to carry
- High intensity output and obvious treatment effect
- Build-in reflector increases the efficiency of exposure
- Special comb is easy for the treatment of scalp parts
- Timer function is optional (KN-4003BL)



Specification

KN-4003A/AL	1 × 9W—UVA
KN-4003B/BL	1 × 9W—NBUVB

UV lamp parameter

PL-S9W/10/2P	350-400nm
PL-S9W/01/2P	311-312nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4003B₁/B₂

UV Phototherapy



Internal power supply



LED light source



Precise treatment



USB interface



180mm × 40.5mm × 56mm (L × W × H)

Function introduction

- Fashionable streamlined design, make it delicate, portable and suitable for home use
- Deep ultraviolet(DUV) SMD-LED light source, more steady irradiation intensity, lifetime can be six times than the ordinary UV lamp
- Two kinds of treatment heads optional, can meet different requirements
- Time and Dose treatment modes, as well as MED test function
- With external replaceable lithium-ion battery, work time can up to 120mins
- Standard Mini USB can be connected to USB power adapter or computer for charge
- OLED display, low power consumption, large viewing angle

Specification

KN-4003B ₁	5 × 4 Chip module + 1 Single-Chip LED
KN-4003B ₂	9 Single-Chip LED

UV lamp parameter

LED	311-312nm
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THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4003

UV Phototherapy



KN-4003AL₂/BL₂ (D)



Dust and waterproof IP22



Special APP



Bluetooth function



Internal power supply



Electronic prescription



Case management

329.5mm×61mm×46mm (L×W×H)

Function introduction

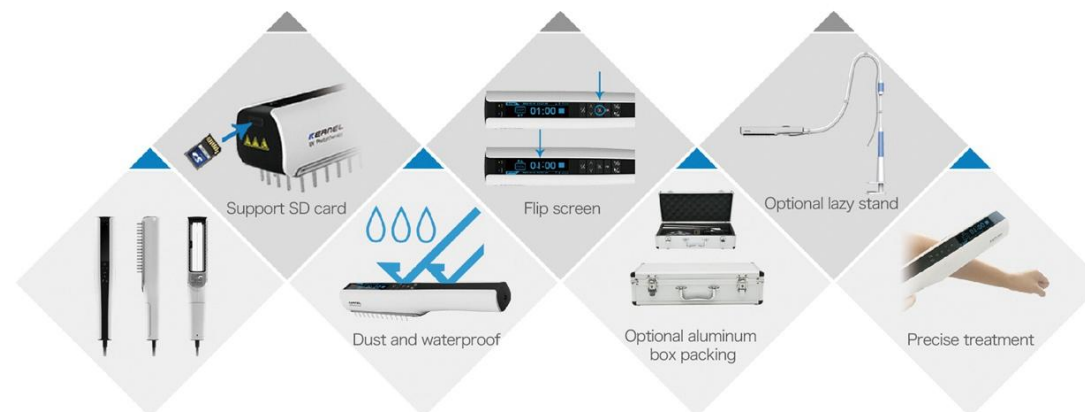
- Small size and light weight, convenient for patients to carry
- Hand-held operation, flexible to treat
- Easy operation, suitable for home use
- With Bluetooth function, can interact with smart phone APP and get free treatment consultation
- Electronic prescription mode is optional. Patient can treat at-home as per physician' s prescription or download physician' s prescription via APP. The APP can control the --treatment process and make it more convenient and safety
- With microcomputer timer function
- The LCD screen direction can be adjusted if needed
- Use special optical materials acrylic shield to provide a more secure protection
- Dust-proof and water-proof level up to IP22, easy to use at home
- Unique comb for distance guide as well as the scalp treatment
- AC/DC power optional

Specification

KN-4003AL ₂	1 × 9W—UVA
KN-4003BL ₂	1 × 9W—NBUVB
KN-4003BL ₂ D	1 × 8W—NBUVB

UV lamp parameter

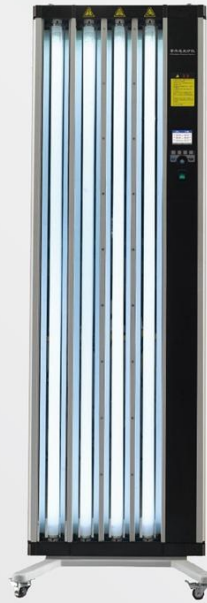
PL-S9W/10/2P	350-400nm
PL-S8W/01/4P	311-312nm
PL-S9W/01/2P	311-312nm



THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4004

UV Phototherapy



KN-4004A₁/B₁/AB₁



KN-4004A/B/AB

KN-4004A/B/AB: 600mm×140mm×1850mm (L×W×H)
KN-4004A₁/B₁/AB₁: 600mm×60mm×1850mm (L×W×H)

Function introduction

- Stable and long usage life Philips special UV lamps as light source
- 8 pieces UV lamps of various combinations
- High-grade professional system design Color LCD, Chinese and English interface
- Multi-user management, accumulation of working time, and display of time countdown and dose countdown simultaneously
- Encoder technology makes operation more convenient and efficient
- Microcomputer controls dose and time to guarantee the treatment accuracy
- PUVA and NBUVB work separately or simultaneously
- High intensity UV light output reduces the treatment times but with obvious effect
- Hardware and software double monitoring function ensure the patients' safety
- Unique anti-interference technology ensures the normal use of equipment in strong magnetic field
- Case management function

Specification

KN-4004A	8×100W—UVA
KN-4004B	8×100W—NBUVB
KN-4004AB	4×100W—UVA、4×100W—NBUVB
KN-4004A ₁	4×100W—UVA
KN-4004B ₁	4×100W—NBUVB
KN-4004AB ₁	2×100W—UVA、2×100W—NBUVB

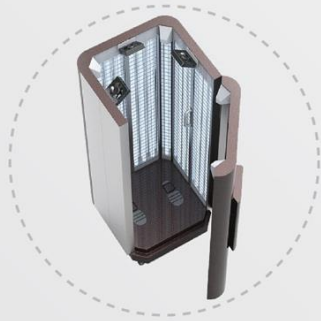
UV lamp parameter

TL100W/10-R	350-400nm
TL100W/01	311-312nm
TL100W/09	320-400nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4005

UV Phototherapy



910mm×970mm×2300mm (L×W×H)



KN-4005A/B/AB

Function introduction

- Stable and long usage life Philips special UV lamps as light source
- 26 pieces UV lamps and various combinations
- PUVA and NBUVB work separately or simultaneously
- High intensity UV light output reduces the treatment cycles and times but with obvious effect
- Microcomputer controls the dose and time to guarantee the treatment precision
- Hardware and software double monitoring function ensures the patients' safety

Specification

KN-4005A	26×100W—UVA
KN-4005B	26×100W—NBUVB
KN-4005AB	13×100W—UVA、13×100W—NBUVB

- Scientific ventilation and cooling system, wide and comfortable treatment space
- Unique anti-interference technology ensures the normal use of equipment in strong magnetic field
- Color LCD displays dose, time and intensity
- Auto alarm and voice prompt function
- Case management function, real time displays intensity
- UV intensity measurement system is optional

UV lamp parameter

TL100W/10-R	350-400nm
TL100W/01	311-312nm
TL100W/09	320-400nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4006

UV Phototherapy



KN-4006A/B



KN-4006AL/BL

400mm×190mm×180mm (L×W×H)

Function introduction

- Stable and long usage life Philips special UV lamps as light source
- Narrow band UV light with high intensity
- Multiple configuration is optional, intelligent controlling
- Small volume, light weight, convenient to carry
- Unique structure, suitable for clinical and home use
- Optional voice prompt function(KN-4006BL)



Specification

KN-4006A/AL	2×9W—UVA
KN-4006B/BL	2×9W—NBUBV

UV lamp parameter

PL-S9W/10/2P	350-400nm
PL-S9W/01/2P	311-312nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4006

UV Phototherapy



KN-4006AL₁/BL₁ (D)



Dust and waterproof IP22



Special APP



Bluetooth function



Internal power supply



Electronic prescription



Case management

350mm×99mm×46.5mm (L×W×H)

Function introduction

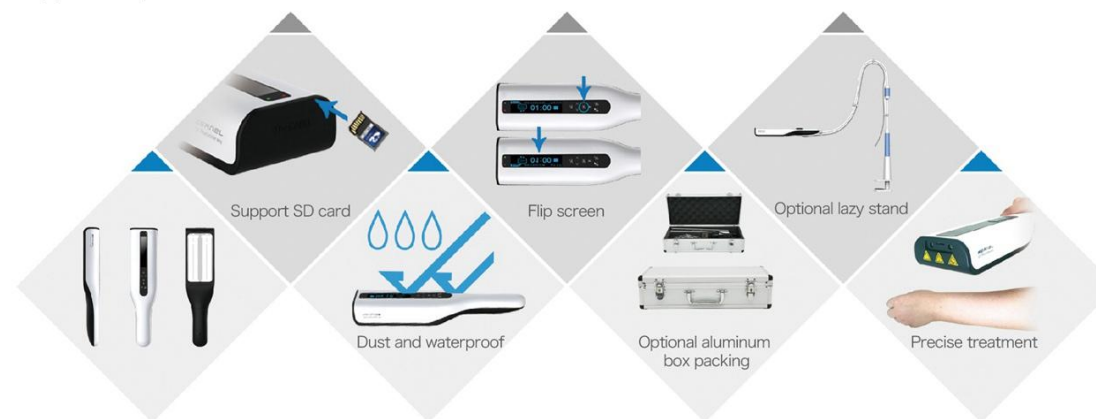
- Small size and light weight, convenient for patients to carry
- Hand-held operation, flexible to treat
- According to the treatment need, patients can choose PUVA or NBUVB lamp
- Easy operation, suitable for home use
- Bluetooth function, can interact with smart phone APP and get free treatment consultation.
- Electronic prescription mode is optional. Patient can receive treatment at home as per physician's prescription or download ---physician's prescription via APP. The APP can control the treatment process and make it more convenient and safe
- Microcomputer timer function
- The LCD screen direction can be adjusted if needed
- Use special optical materials acrylic shield to provide more secure protection
- Dust-proof and water-proof level up to IP22, easy to use at home
- Proximity sensor, can fast positioning the work distance to make the treatment more accurate
- AC/DC power optional
- Special tools to replace the lamp, make replacement easier

Specification

KN-4006AL ₁	2 × 9W—UVA
KN-4006BL ₁	2 × 9W—NBUVB
KN-4006BL ₁ D	2 × 8W—NBUVB

UV lamp parameter

PL-S9W/10/2P	350-400nm
PL-S8W/01/4P	311-312nm
PL-S9W/01/2P	311-312nm



THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4006

UV Phototherapy



KN-4006A₁/B₁



KN-4006AL₂/BL₂



KN-4006AL₃/BL₃

KN-4006A₁/B₁: 400mm × 84mm × 340mm (L × W × H)
KN-4006AL₂/BL₂: 420mm × 558mm × 86mm (L × W × H)

Function introduction

- Stable and long usage life Philips special UV lamps as light source
- Protected by special acrylic shield, meet all clinic needs
- Press-key control, convenient and flexible
- Varies of configurations and intelligent control function
- Special design, for clinic and home use
- Timer countdown function



Specification

KN-4006A ₁	6 × 9W—UVA
KN-4006B ₁	6 × 9W—NBUVB
KN-4006AL ₂	4 × 36W—UVA
KN-4006BL ₂	4 × 36W—NBUVB

UV lamp parameter

PL-S9W/10/2P	350-400nm
PL-S9W/01/2P	311-312nm
PL-L 36W/10	350-400nm
PL-L 36W/01/4P	311-312nm

THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-4000M

UV Skin Tester for MED and MPD

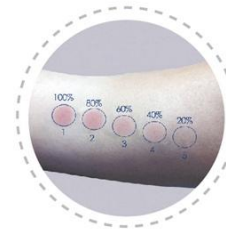


Function introduction

- Small and portable, easy to carry
- Five dose values can be measured simultaneously, measuring will be more simple and precise
- Apply to multiple UV phototherapy instruments
- Flexible fixation, suitable for testing different parts

Diameters

- Dimension: 153mm × 60mm × 15mm
- Single aperture size(regular Hexagon)side length:10mm
- Aperture quantity: 5
- Dose output ratio(aperture 1 to aperture 5 decreasing): 100%、80%、60%、40%、20%



THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-9000B

LED Wood's Lamp



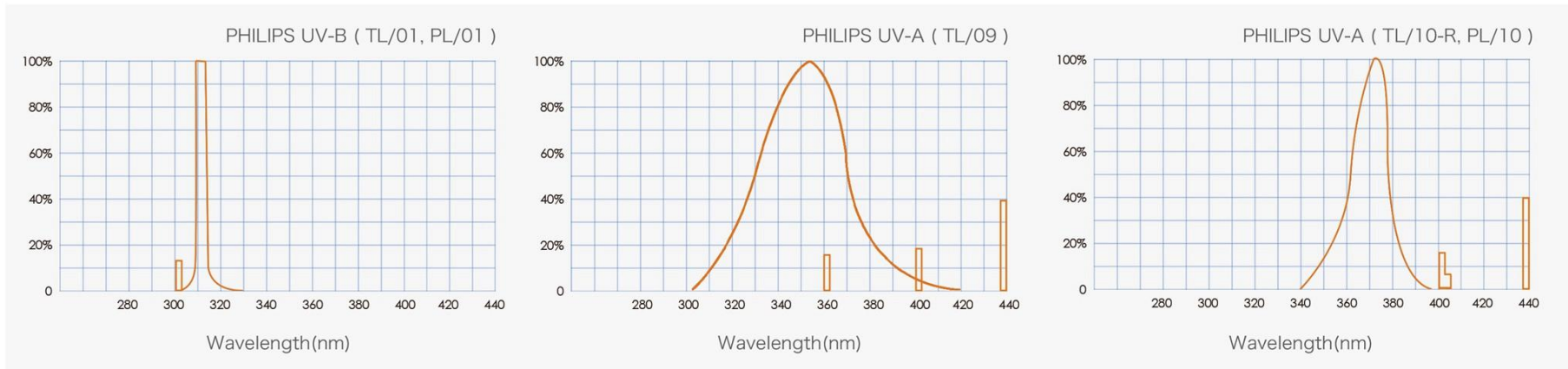
129mm × 286mm × 44mm (L × W × H)

Function introduction

- Small size, light weight, patients can carry
- Products using UVA light source, which can be used to detect pigment abnormalities, skin infections, porphyrin metabolism abnormalities. Avoiding chemical grinding excessively, and grasping the treatment of skin diseases timely
- Hand-held and simple operation, flexible irradiation area, easy to grasp, more suitable for use at home
- Equipped with observation window and shade cloth, users also can be clearly observed and photographed under normal circumstances
- With UVA and white light two LED light source, make longer life, not only for a variety of skin diseases, can also be used for other medical examination lighting
- Observation Windows using UV light-proof magnifying lens, can avoid the ultraviolet radiation damage to the human eyes
- Optional mobile phone camera support, easy for users to shoot pathology images, can grasp the development of disease and treatment, can also be used in the field of medical research and teaching



Spectral curve



KN-4000 Series Clinical Applications

Psoriasis, Vitiligo, Obstinate Eczema, Pityriasis Rosea, Atopic Dermatitis, Itchy Skin



THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-5000

Derma 308 Targeted Phototherapy



KN-5000A



KN-5000B

KN-5000A: 160mm × 470mm × 345mm (L × W × H)
KN-5000B: 1000mm × 340mm × 890mm (L × W × H)

Function introduction

- 8" TFT touching LCD screen, flexible and practical treatment handle
- Spot size adjustable, useful to treat small area with skin disease, pointing light function improves accurate positioning of diseased skin
- High intensity UV light output, reduce the treatment cycles and times
- Special designed handle for better targeted and more suitable to the position of disease, while traditional light source is difficult to reach
- Built-in specific UV dose program, automatic six-spots skin light toxicity test
- With accurate calibration system, enhance the reliability of the dose output
- Exclusive use of liquid optical fiber, guarantee high-efficient transmission
- Unique designed footswitch is easy to operate and control the UV light output
- Available to choose single or continuous irradiation treatment program
- With optional Derma 308 targeted phototherapy system workstation
- Output radiation intensity range:
 - UVA: 100mv/cm²~550mw/cm²
 - UVB: 20mv/cm²~250mw/cm²
- Spot measurement: 20mm×20mm



THE LEADER OF UV PHOTOTHERAPY INDUSTRY

KN-5000

Excimer 308 targeted phototherapy



KN-5000C



KN-5000D

KN-5000C: 341mm × 297mm × 221mm (L × W × H)
KN-5000D: 448mm × 448mm × 1128mm (L × W × H)

Function introduction

- Excl light source, high energy, less side effects, reduce the treatment cycles
- Targeted and no harmless , easy to treat the lesions places where the traditional ones cannot reach
- The light port is designed with special filters to screen out the useless stray lights, ensure safety and reliability as well as easy observation of operator
- Treatment handle works with multi-specification-available shading sheets, realized a precise control of the irradiation range, suitable for different sizes of lesion treatment
- Treatment handle and the machine body split design, to minimize the weight of the treatment handle to the maximum
- 8" touch screen with user-friendly GUI design, make the operation more concise and fluent
- Built-in minimum erythema dose (MED) test function, one machine for multiple use
- Quick start, one-key output, easy to operate
- Built-in patient information management, convenient for operator to manage patient' information and treatment records
- Take-away storage of patients' information
- Small size, low cost, more suitable for home use
- Fingerprint management system allows fast to retrieve of patients' information (KN-5000D)
- unique dosage mode, and optional irradiation intensity calibration system to ensure the accurate treatment dosage (KN-5000D)
- The optional timing chip gives multiple modes for selections of selling/cooperation on this product.(optional function)



KN-5000 Series Clinical Applications

Psoriasis, Vitiligo, Neurodermatitis, Seborrheic dermatitis, Atopic dermatitis, Scleroderma, Photosensitive dermatitis, Recommended for use if lesions occur less than 10% of the body area



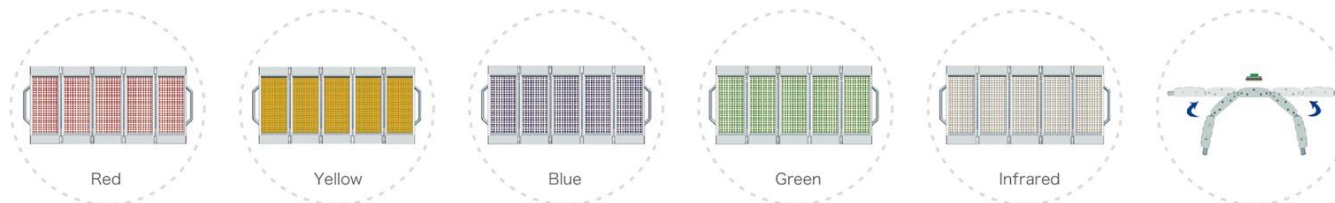
KN-7000A
Photodynamic therapy



951mm × 568mm × 1250mm (L × W × H)

Function introduction

- 1820 pieces of high power LEDs, higher intensity output
- Treatment head can be stretched according to different treatment area
- Seven kinds of light combination (red, blue, yellow, green, red+blue, red+yellow, red+infrared), can reach different treatment effects, used widely in different places
- Light source with special connector can be fixed and achieve the function of electrical connection, more convenient and quicker to change
- Free cantilever design makes the light source stay in any angle position
- 8" rotating touch screen design, simple operation, without professional training, more convenient to use independently at home
- Can store 5 types of common treatment plan and easy to set up
- Kind voice prompt, easy to operate
- Illumination of light source intensity can be adjusted according to the need of treatment
- Dual switch key and password protection, don't worry about being misused
- Non-invasive, non-damaged, without side effect
- No need special care after treatment, user can make-up as usual



KN-7000D

Photodynamic therapy

- ◎Trichromatic light source
- ◎Dose working mode
- ◎High power SMD



951mm × 568mm × 1250mm (L × W × H)

Function introduction

- Suitable for acne treatment, eliminating inflammation and promoting skin wound healing
- High-power SMD led radiation source in a dense matrix array,so that make higher intensity of irradiation, more uniform speckles
- Based on aerodynamic design, combined with super-thermal conductive materials to ensure safe, reliable and stable use
- Single color light source, two colors light source or three colors light source integrated in one treatment head, which with several wavelengths available for selection without the change of treatment head.
- Design with free stretching/retracting cantilever arm, give full consideration to ergonomic requirements, easy operation, to the maximum extent possible to meet a variety of clinical treatment environment needs.
- 8" touch screen complemented by user-friendly GUI design, make the operation more concise and fluent
- unique dose mode, and optional irradiation intensity calibration system to ensure accurate treatment
- Pre-stored common treatment cases, more convenient operation by pressing only one of pre-set programs
- With continuous irradiation or pulse irradiation two working modes to meet different clinical needs
- warm voice prompt, give patients a relaxed and comfortable treatment experience
- Key switch and power-on password dual switch protection, for safe and secure treatment process
- High-purity light source, non-invasive operation, no side effects, no special care after treatment



Red



Yellow



Blue



Intensity testing

KN-7000C

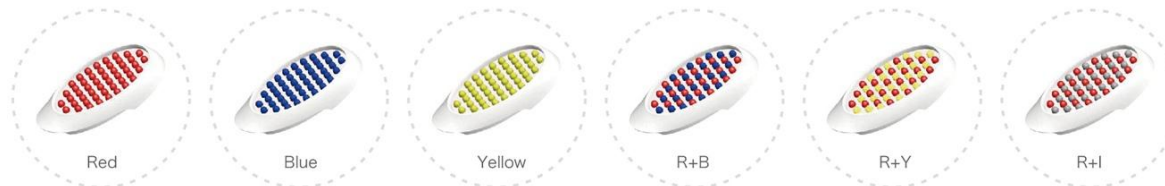
Photodynamic therapy



173mm × 60mm × 40mm (L × W × H)

Function introduction

- Small, light weight, easy to carry
- With 48 nano-scale genetic biological wave LEDs as cold light source
- Red, yellow, blue, red+yellow, red+blue and red infrared wavelength alternative
- 1 min, 2mins, 3mins, 5mins or continuous wavelength can be set up as working mode
- With pulsed operation mode
- Rechargeable lithium battery, the endurance of battery is 120mins
- Mini USB, USB power adapter or connect to computer for charging



KN-7000C₂

Photodynamic therapy



180mm × 40.5mm × 56mm (L × W × H)

Function introduction

- Streamlined design, portable, suitable for special parts(such as canthus,face etc.)accurate treatment
- LED cold light source, no heat and long serving life
- Various light sources available, red light, blue light and yellow light, can be applied to different occasions
- Automatic Countdown work mode, easy to operate
- External rechargeable lithium-ion battery, work time can up to 120mins
- Standard Mini USB charger
- OLED display



KN-7000A/D/C/C₂ Clinical Applications

Wrinkle removal, Inflammatory acne, Skin Rejuvenation, Eliminate inflammation, Wound healing



BEAUTY & RECOVERED

KN-7000A₁
Red Light Therapy



525mm × 610mm × 1245mm (L × W × H)

Function introduction

- LED cold light source, combined with unique optical system, provide high power intensity output and high-quality light spot to achieve the best treatment effect
- Moveable cantilever design, large range of activities, treatment head can be adjusted in any angle, which can meet the requirements of various clinical circumstances
- 8" rotating color touching screen, intelligent operation system installed, built-in 4 kinds of common treatment schemes, easy to set up
- Efficient cooling system, perfectly whole-machine functional balance, extend the working life
- Over-temperature alarm system to ensure patient's comforts and safety



BEAUTY & RECOVERED

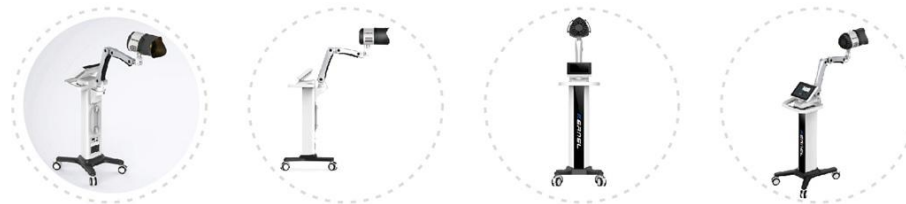
KN-7000A₂ Red Light Therapy



518mm×420mm×1055mm (L×W×H)

Function introduction

- Suitable for eliminate inflammation, acne treatment, and promoting skin wound healing
- High-purity high-power integrated chip-type solid cold light source, more focused energy, uniform spot to make sure efficacious treatment effect
- Based on finned heat pipe cooling system design for a reliable heat dissipation, and ensure a maximum light source life
- Multi-axis damping axis design for the free designing of irradiation angle adjustment, to adapt to treatment for different locations of wounds
- Design with free stretching/retracting cantilever arm, give full consideration to ergonomic requirements, easy operation, to the maximum extent possible to meet a variety of clinical treatment environment needs
- Small size, move flexibly, meet in sickrooms
- Add positioning rod to ensure effective irradiation distance
- 8"full touch screen complemented by user-friendly GUI design, make the operation more concise and fluent
- Pre-stored common treatment cases, more convenient operation by pressing only one of pre-set programs
- Kind prompt, give patients a relaxed and comfortable treatment experience
- Adjustable light intensity to meet different clinical needs
- Key switch and power-on password dual switch protection, for safe and secure treatment process



BEAUTY & RECOVERED

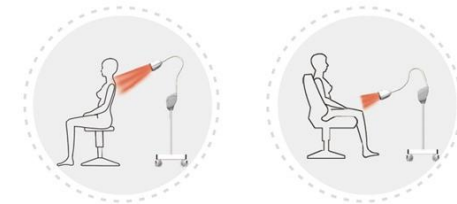
KN-7000C₁
Red Light Therapy



353mm × 400mm × 790mm (L × W × H)

Function introduction

- LED cold light source, long serving life, combined with unique optical system, provide high-quality light spot to ensure the best treatment effect
- Efficient cooling system
- Built-in automatic countdown timer, simple setting, easy to operate
- Freetype movable rod design, large range of activities, perfectly balance, treatment head and exposure-angle can be adjusted freely
- Light weight and small, size trolley design for easy mobility, suitable for home and clinic use



KN-7000A₁/A₂/C₁ Clinical Applications

Wounds, Ulcers, Burns, Bedsore, Anti-inflammatory, Surgical treatment, Relieve pain



AWAKENING HAIR FOLLICLES AND ACTIVATING HAIR ROOTS

KN-8000A

Hair Loss Therapy



570mm × 620mm × 1245mm (L × W × H)

Function introduction

- Intended for seborrheic alopecia, alopecia areata and other hair loss treatment
- LLLT low-energy soft laser irradiation technology, safe and reliable
- Dot matrix arrangement of laser light source, more evenly distributed radiating spot to promote rapid hair growth
- Multi panel design, the positions of the panels can be adjusted to suit the patient's head
- Independent control for every panel, to meet the needs of different hair loss levels
- Unique positioning rod and cushion cap design, easy to operate, accurate irradiation, comfortable for patient to experience
- Additional auxiliary time display, convenient for operators to grasp the treatment information from different perspectives
- Intelligent sensor to ensure the treatment process is safe and effective
- 8" touch screen and user-friendly GUI design, make the operation more concise and fluent
- With continuous irradiation or pulse irradiation mode for operation



AWAKENING HAIR FOLLICLES AND ACTIVATING HAIR ROOTS

KN-8000

Hair Loss Therapy



KN-8000B



KN-8000C

270mm × 209mm × 135mm (L × W × H)

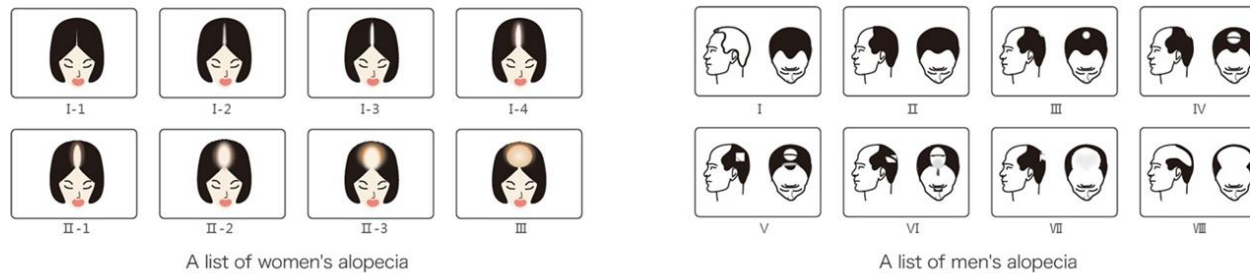
Function introduction

- Intended for seborrheic alopecia, alopecia areata and other hair loss treatment
- 204 medical-grade semiconductor laser diode (LD) (8000B), delivers more uniform lighting spot
- 80 medical-grade semiconductor laser diode (LD) and 30 LED (8000C).
- LLLT low-energy soft laser irradiation technology, safe and reliable
- Dot matrix arrangement of laser light source, more evenly distributed radiating spot to promote rapid hair growth
- Helmet type design, small size, light weight, easy to use, more suitable for patients to treat at home
- Partition irradiation technology for different levels of hair loss, effectively realization of differentiated treatment
- Soft silicone distance guide, more comfortable and secure
- Intelligent sensor to ensure safety and effectivity during treatment
- Real-time detection of temperature and humidity
- Continuous irradiation or pulse irradiation operation
- Mobile APP is available (KN-8000B) for clinical evaluation ,the treatment records and pictures to facilitate clinical assessment of patients



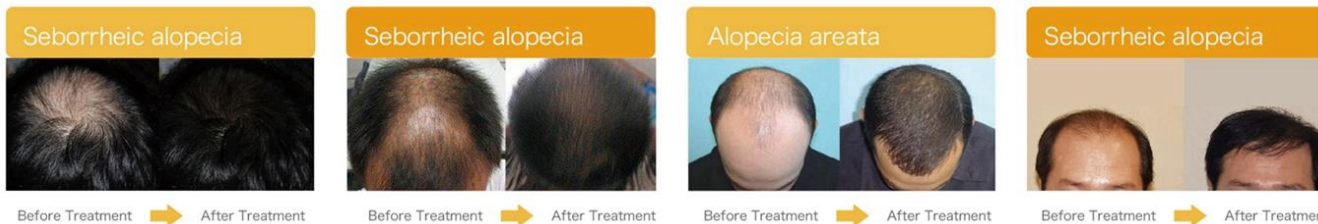
Intervene early to reverse hair loss

- Degree of hair loss has recognized international grading standards, of which classification I-III used for females, classification I-VIII adopted to males
- With hair loss, hair follicles continue to shrink and necrosis, so the clinical study suggesting the earlier of treatment, The better of effect. Kernel hair loss treatment device using LLLT low-energy soft laser irradiation technology, can control the secretion of seborrhea, enhance hair quality and growing new hairs, stop or even reverse hair loss; the lower the level of hair loss, the greater the possibility of reversal of hair loss
- The white areas in the figure (male at Class IIA to V (Norwood-Hamilton classification) and female at I-4 to II-2 (Ludwig classification)) are curable ranges for the Kernel laser hair therapy device. It also works for the areas of severely damaged hair follicles, however to what an extent of recovery depends on conditions of the hair follicles



KN-8000A/B/C Clinical Applications

Suitable for treatment of seborrheic alopecia and alopecia areata



Other Products

Colposcope



Patient Monitor





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