

## Units selectable to meet intended use.

In addition, various units that allow efficient irradiation of various sites are available.

### Example of irradiation



### Standard Units

#### SG type unit



Effective for irradiation to cervical region.

Output : 1500mW  
Focus diameter : 7mm

#### B type unit



Deep biological penetration for effective irradiation of deep point.

Output : 2,200mW,  
Focus diameter : 10mm

#### C type unit



Effective for treatment of a wide area.

Output : 2,200mW  
Focus diameter : 80mm

#### D type unit



Effective for treatment of a wide area.

Output : 2,200mW  
Focus diameter : 55mm

### Specifications

Rated voltage : AC 100-240V  
Power frequency : 50/60Hz  
Power consumption : 220VA  
Oscillation frequency : 0.6-1.6μm  
Maximal output : 2,200mW  
Light source : 150W Super iodine lamp  
Dimension / Weight : W521 x D445 x H1,330mm / 34Kg



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## —SUPER LIZER—

# HA-2200

## LE series

### Near-infrared therapy device

Painlessness / Non-invasion phototherapy opens a new medical possibility.





# Simple dial operation & Large, highly legible LED Display

"Superlizer" is the first phototherapy device that can irradiate a high power near-infrared light (0.6-1.6 $\mu$ m), a deepest penetrating wavelength range, in spot.

Its effects are recognized by various departments including pain clinics, and the device has attracted large attention from the medical scene.

High power with maximum output of 2,200mW, large, highly legible LED display, fibers & units for various intended uses...

The device meets various needs in the medical scene such as operability, therapeutic effects, safety at high level.

Large, well-laid-out LED display.

Convenient storage boxes on the back and side.



Compact design for smaller occupying space and for easy handling

Stylish and sophisticated design.



## 1 Deeper biological penetration with maximum 2,200mW of high power output.

Superlizer uses only a wavelength range of deepest biological penetration (0.6-1.6 $\mu$ m), the most effective and ideal for phototherapy, using an optical filter. In addition, with high power output with maximum of 2,200mW, deeper biological penetration and excellent therapeutic effects are achieved.

## 2 Complete safety with Safety Program and Patient Stop Switch.

To avoid an excess irradiation of the same site, Safety Program (SP) is added. Turning on this switch automatically sets the device to 60% output, ON for 1 second, and OFF for 4 seconds. In addition, for emergency, a switch that allows patient to stop irradiation and a switch that prevents patient from changing settings are added.

## 3 Large LED display that allows confirmation of operation status from a distance.

With a well-laid-out, large LED display (16dots, 7segments), operation status of device can be checked from a distance. The device can be operated easily with dials.

## 4 Four selectable modes - Continuous, Cycle, P-Mix, and T-Mix.

In addition to conventional Continuous Mode and Cycle Mode, two new irradiation modes, P-Mix and T-Mix, are added. These two modes provide comfortable warmth with stationary irradiation improving patient's satisfaction.

### T-Mix Mode (Time Mix Mode)

This is a mode that adjusts on-time/off-time automatically. The device is programmed to raise the temperature to one that provides comfortable warmth immediately after irradiation and gradually lowers the temperature.

### P-Mix Mode (Power Mix Mode)

This is a mode that adjusts output automatically. The device is programmed to raise the temperature to one that provides comfortable warmth in a wavy curve and gradually lowers the temperature.

