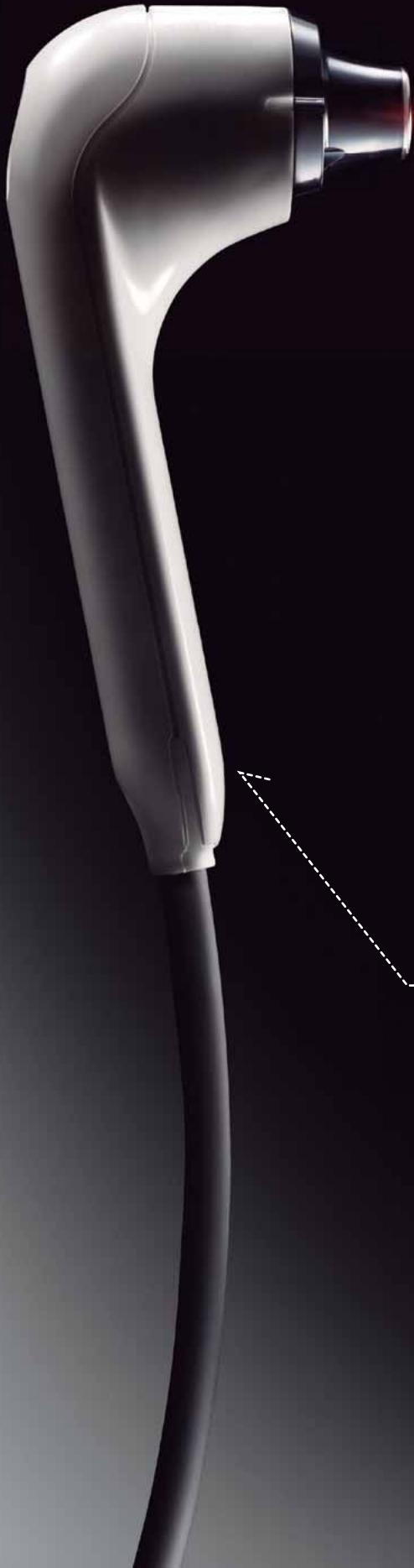


High Output Pulse



Reaches deep tissue pain fast

Semiconductor laser therapy is treatment to relieve muscle and joint inflammation pain by acting on the blood vessels and muscles using a low-intensity laser beam.

Laser therapy reaches deep tissue with precision, without causing heat or the pain that electrical stimulation can cause. Treatment times are shorter with laser therapy than with other physiotherapy modalities.

Used to treat sore shoulders, lower back pain and rheumatoid arthritis.

An "L" shaped applicator for precise treatment

The "L" shaped applicator emits the laser beam horizontally, making it easier to grasp and hold.

Easy operation and safe, efficient treatment

Its impressive design features gentle curves and a futuristic, glossy finish.

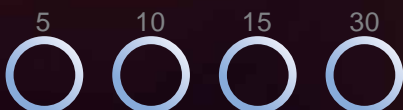
Simple and easy to use. Treatment mode and duration can be set with one touch of a button.

Equipped with high-level safety functionality for an efficient treatment environment.

- Short treatment time
- Easy treatment
- Treatment without pain

Treatment time settings

Short treatment time is one of the benefits FINELASER provides. 5, 10 or 30 second treatment times can be set easily, with one touch of a button.



Mode change

The "TOUCH MODE button" (Touch Sensor Mode, contact irradiation) or the "HAND MODE button" (hand switch mode / non-contact irradiation) will light up for the chosen mode.



Easier & Safer

Irradiation

High-powered, pulsed laser

High-powered, pulsed laser beam reaches deep tissue fast

Comparison of continuous and pulsed laser therapy

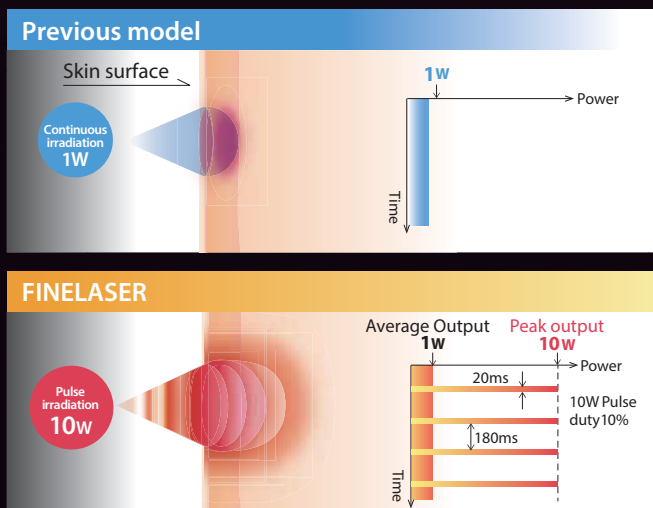


Image of laser transmission within the tissue
* 830nm single wavelength comparison

Reach deep tissue with high-power, pulsed laser therapy

Its 1W average/10W-peak, pulsed laser beam is a significant upgrade over our prior laser therapy device's 1W, continuous beam. As a pulsed laser beam is intermittent, cooling takes place during the intervals between emissions, allowing a sufficiently intense beam to reach deep tissue safely without generating heat.

High tissue permeability at a wavelength of 830nm

Its 830nm wavelength laser beam is resistant to absorption by water and hemoglobin, resulting in excellent transmission to and effective treatment of deep tissue.

Touch Sensor and Hand Switch Mode

Touch Sensor Mode



The "Touch Sensor Mode" will detect when the tip of the applicator comes into contact with the treatment area, activating the laser and irradiating the treatment areas. Treatment can be performed safely with the applicator automatically stopping when taken off the treatment area.

Hand Switch Mode



When direct contact irradiation is not desired such as when pain in the affected areas are intense, treatment without direct contact to the affected area by the tip of the applicator is possible by using the "Hand Switch Mode."

Product specifications



SL-1000

Product name	Laser Therapy Device EL-1000
Power input	150 VA + 10% or less
External dimensions	Approx. 430 × 340 × 157 (H) mm
Mass	Approx. 5.6 kg
Rated power supply	100 V/110 V/220 V/230 V/240 V 50/60 Hz
Element	InGaAsP semiconductor laser
Wavelength	830 nm ± 20 nm
Average output	1 W ± 20%
Peak output	10 W ± 20%
Mode of operation	Intermittent irradiation ON: 20 ms / OFF: 180 ms
Irradiation time	5, 10, 15 or 30 seconds
Irradiation area	1.5 cm ²
Safety functions	Key lock, SET TIME button, Emergency Stop Button, Door Interrupt Connector, STAND-BY / READY display, Alert indicator, Auto irradiation shut-off, Error detection
Standard accessories	Safety Goggles EL1000-001 2 pairs



Option



Optional Accessories

	Product name/product number/minimum ordering unit
Safety Goggles	EL1000-001 1

Option

01 Arm	EL1000-002 1
02 Door Interrupt Switch	EL1000-003 1
03 Cart	WG-7 1



01



02



03

Hands Free

An arm to mount the applicator on for efficient treatment

By using the arm (optional accessory) to hold the applicator in a fixed position, the medical professional can work more efficiently by multi-tasking or tending to other patients. The arm angle can be freely changed with the probe attached to the arm.



Arm lock function

The arm facilitates effective treatment, reduces risk and increases safety with features such as locking after 180° of rotation.

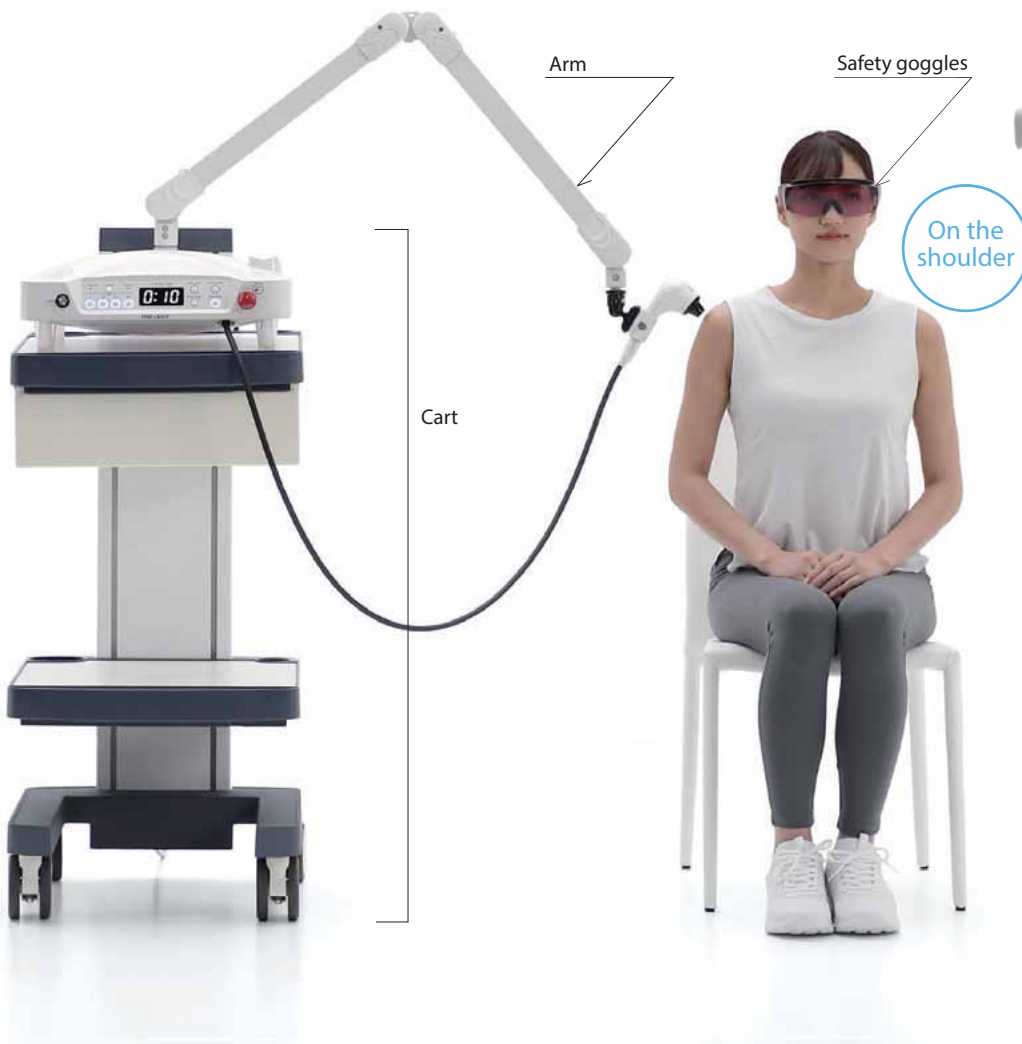
* The arm and cart are optional accessories.

On the knee

Adjustable arm reaches the patient in various positions



On the lower back



On the shoulder

Safety goggles

The user and the patient must wear safety goggles to protect their eyes from the semiconductor laser.

Cart (optional accessory)

The cart can be used along with the arm to have the probe in a fixed position or to move the device. The lower shelf has a wide surface allowing easy storage for equipment.