

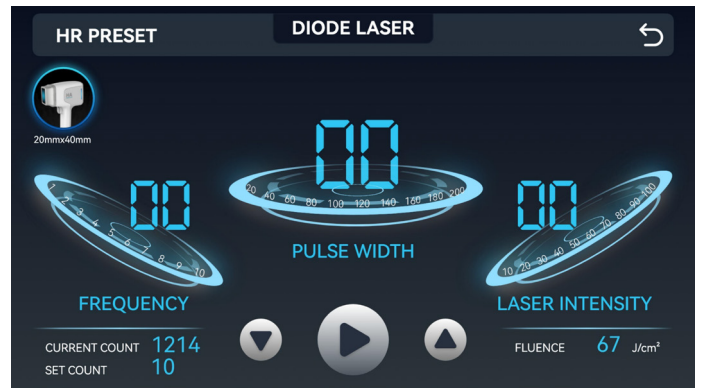
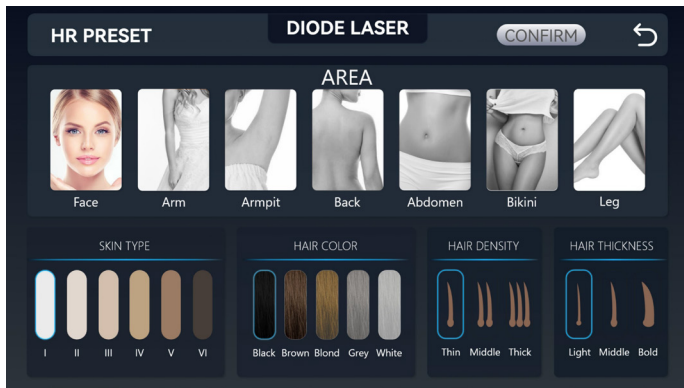
SL LASERS™

VERTICAL DIODE PICO PRODUCT INFORMATION

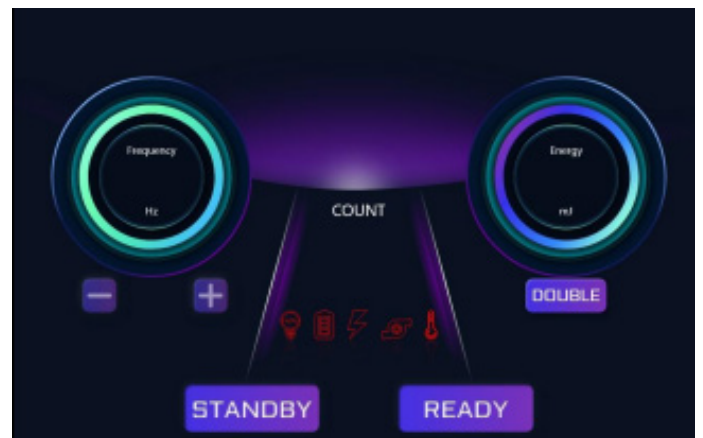
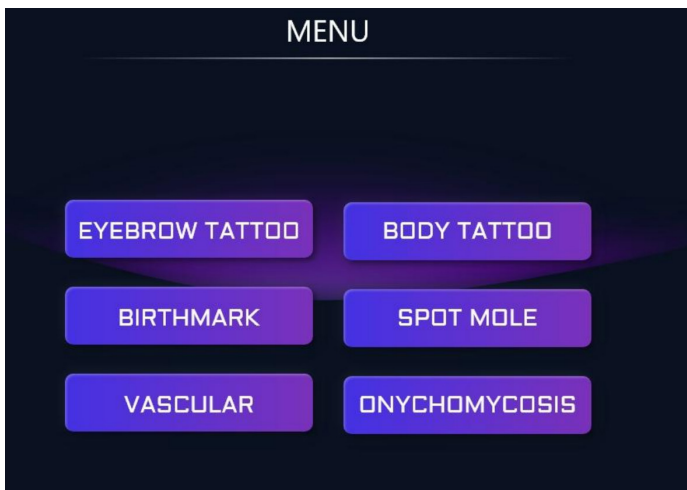


Email: info@slasers.co.za / **Call or WhatsApp:** 083 271 8675

DIODE LASER INTERFACE



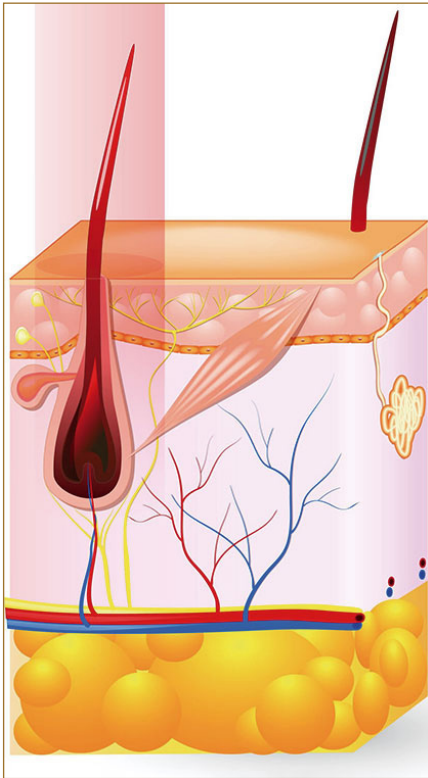
Q-SWITCHED PICO LASER INTERFACE



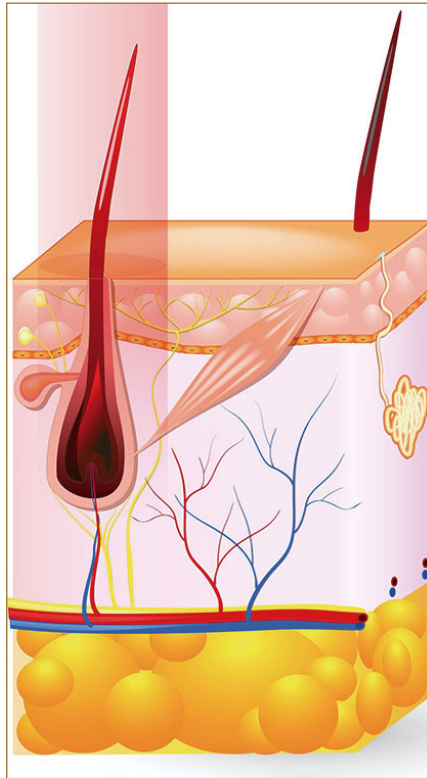
DECOMPOSITION SELECTIVE PHOTOTHERMAL

The melanin in the hair follicle can selectively absorb the laser energy. The laser energy emitted by the machine is easily absorbed by the coloured hair follicle without damaging the epidermal tissue.

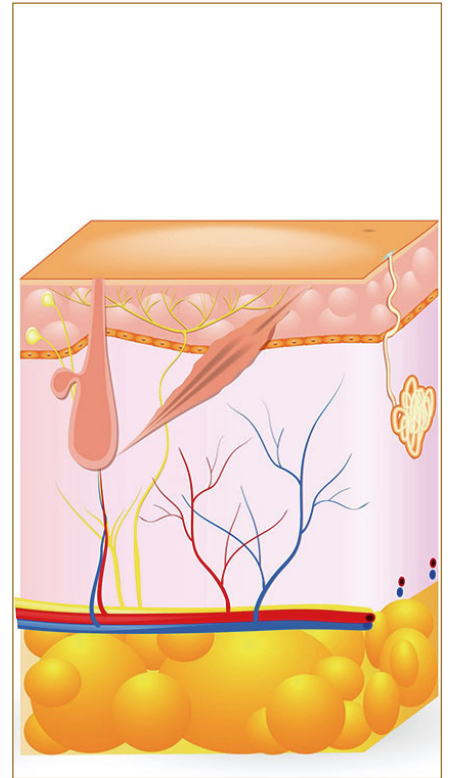
EXPOSURE TO LASER PULSES



BEFORE

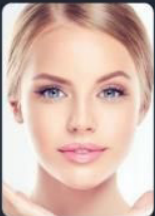


MELANIN ABSORBS LIGHT AND
HEATS UP

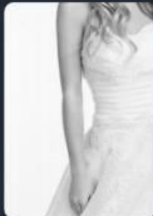


AFTER

AREA



Face



Arm



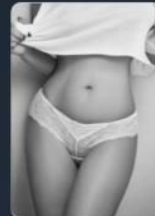
Armpit



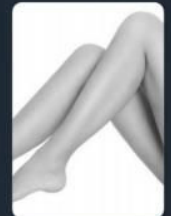
Back



Abdomen



Bikini



Leg

SKIN TYPE



I

II

III

IV

V

VI

HAIR COLOR



Black

Brown

Blond

Grey

White

HAIR DENSITY



Thin

Middle

Thick

HAIR THICKNESS



Light

Middle

Bold

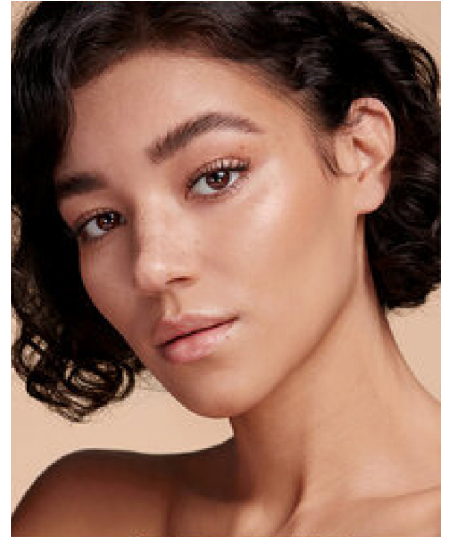
SKIN TYPES



I



II



III

I

II

III

IV

V

VI



755nm

808nm

808nm

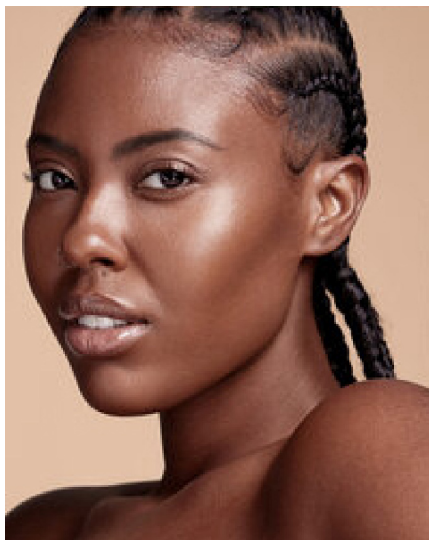
940nm

940nm

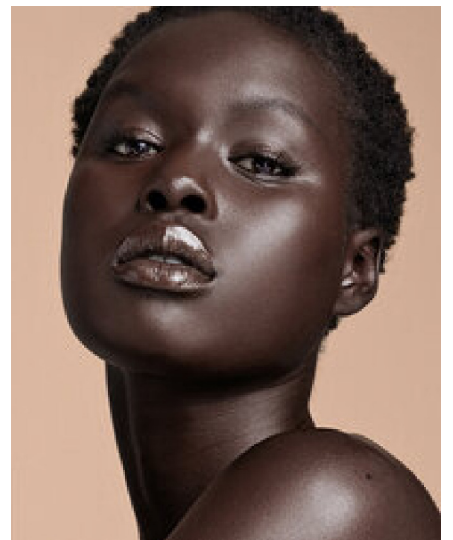
1064nm



IV

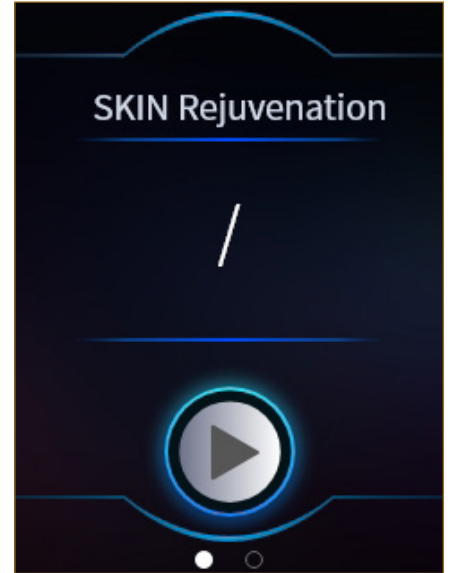


V



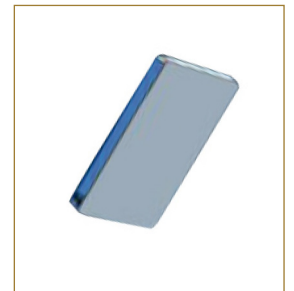
VI

DIODE LASER TREATMENT HANDLE

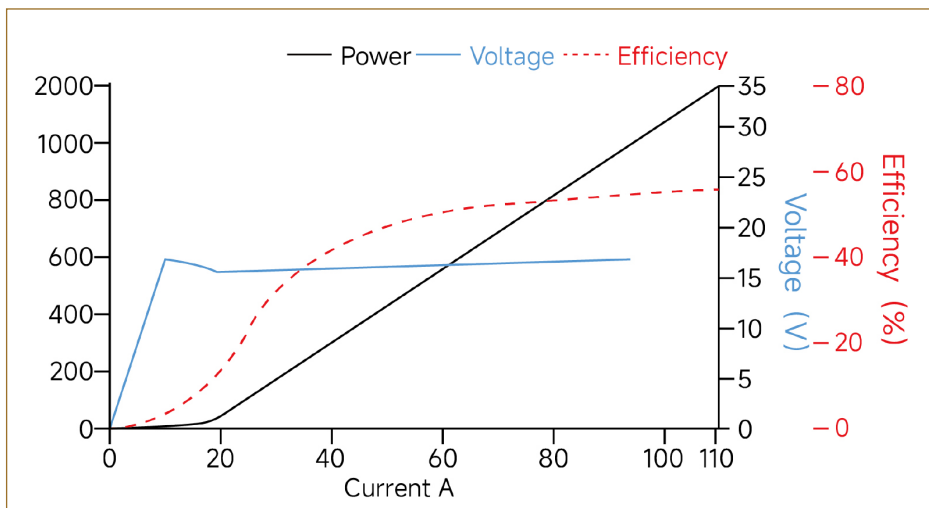


POSITION OF TEMPERATURE SENSOR

A temperature sensor in the handle maintains the temperature of the glass between 0-4°C, ensuring a safe and comfortable treatment.



TEST REPORT FOR 600W POWER

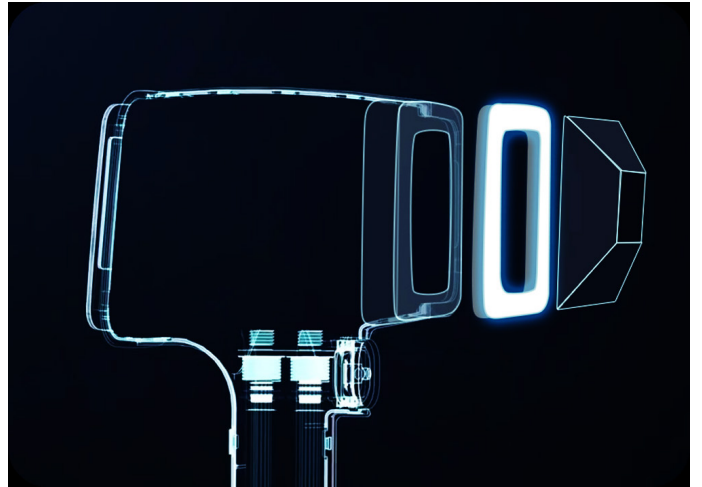


- 600W high power
- American coherent laser bar
- 100 million shot guarantee

DIODE LASER FEATURES



Skin contact cooling drops to 0°C within 1 min and stay steady at 0°C even after long time operation.



360 degree annular cooling plate.

PICO LASER FEATURES

Excellent stability. Laser energy output and pulse width are still very stable even continuously working at max speed 10Hz and max laser energy 1600mj. Nice pulse width 3ns-5ns for pigmentation explosion.

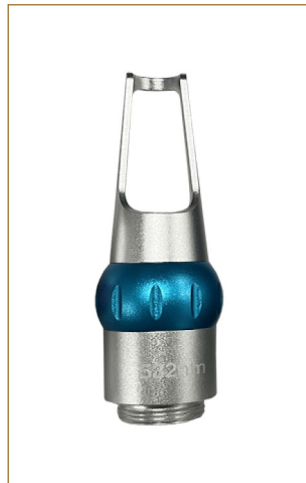
1320nm



755nm



532nm

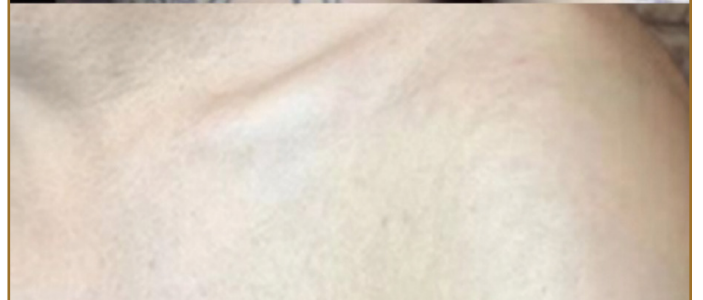
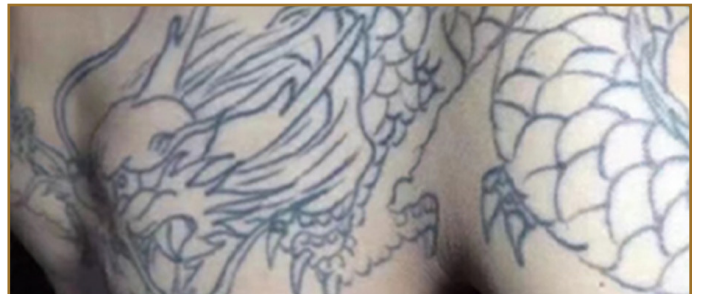


1064nm



Good quality handle with 4 heads for different treatments.

CLINICAL RESULTS



TECHNICAL PARAMETERS

DIODE LASER

Laser Power	500W
Pulse Width	10 - 400ms
Frequency	1 - 10Hz
Wavelength	755nm + 808nm + 940nm + 1064nm
Spot Size	12 x 15mm
Energy Fluence	0 ~ 100J/cm ²

PICO LASER

Wavelength	1064nm, 532nm, 755nm, 1320nm
Laser Energy	10mj - 1600mj
Frequency	1 - 10Hz
Pulse Width	3ns - 5ns
Cooling System	EC + Water + Fan + Sapphire Contacting Cooling
Voltage	220V / 50Hz, 110V / 60Hz
Warranty	2 Years (Including Handpiece)