

the new fractional laser for skin refreshing

the technology

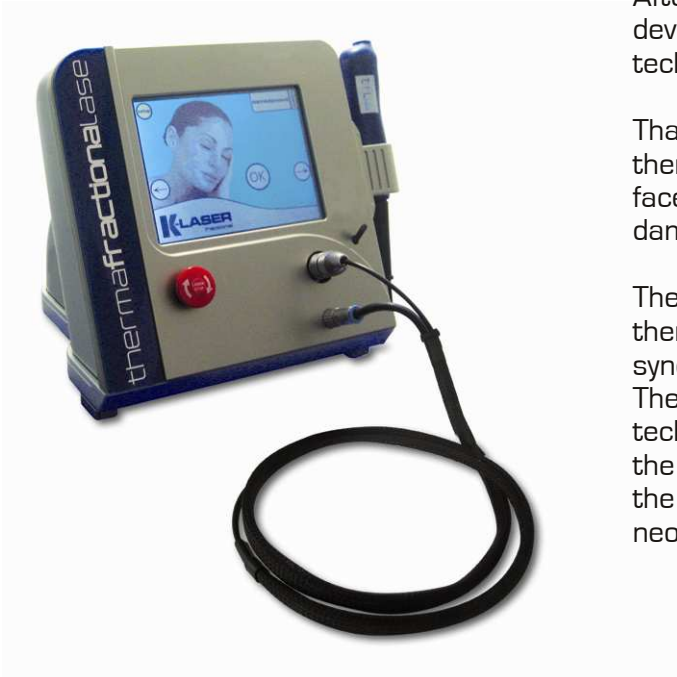
After years of researches, Laser.com s.r.l. has developed the new the thermafractionalase technology for skin refreshing.

Thanks to its regenerating action, the thermafractionalase fights the signs of aging on the face, neck, hands and décolleté, and restores damaged skin without long recovery time.

The technology at the basis of the thermafractionalase is micro-fractional and synergetic.

The thermafractionalase combines 2 laser technologies:

the 1540nm wavelength makes micro-coagulations, the 980nm wavelength stimulates the production of neo-collagen and elastin.



The thermafractionalase is a non invasive, fast and natural method for restoring the youth, the brightness and the tone of your skin.

The treatment with the thermafractionalase is safe, effective and almost painless.

The controlled scanning handle enables to treat even small circumscribed areas constantly maintaining the energy initially selected.

The treatment with the thermafractionalase is preceded by a careful analysis of the skin of every single patient and included in a personalized anti-aging program and supported by the leading technology in the world.

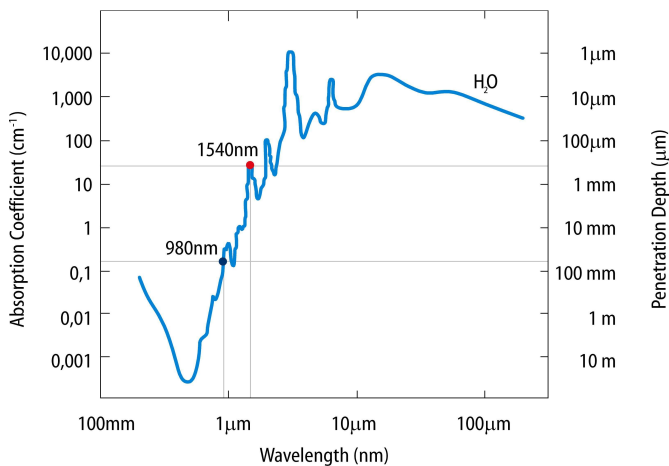
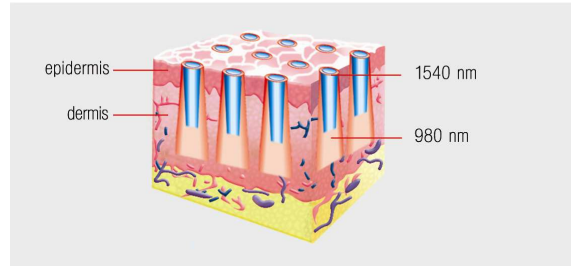


tfl

research and results

The therafractionalase technology combines 2 wavelengths: 1540nm and 980nm.

The first [1540nm] makes micro-coagulations of 100 micron diameter and at a maximum depth of 0,7 mm, and, combined to the second [980nm], generates a controlled high temperature deep into the dermis.



Main indications

Thanks to its advanced technology, the therafractionalase provides certain results always predictable for a series of imperfections which have been considered to be hardly solvable until today.

These include the wrinkles around the eyes, around the lips, diffused micro-wrinkledness and dyschromias.

The therafractionalase can also remodel acne scars because it favours the natural process of skin r Skin with imperfections is replaced by new tissues, thicker and healthy.

The therafractionalase, activating the production of collagen and elastin, restores the turgidity of th the production of melanin, visibly reduces the skin spots giving a youthful look to the tissues of the face hand.

In most cases the treatment is outpatient and turns out to be almost painless, often making unn application of anaesthetic creams.

At every pulse, the patient will feel a slight pinprick sensation; after a session it is normal to notice ε which may last at the most 24 - 48 hours.

The treatment can be repeated every 15 - 20 days, 3 - 4 times at the most.

Immediately manifest results:

- reduction of wrinkles and acne scars;
- reduction of dark spots;
- reduction of the diameter of the pores;
- rejuvenation of the skin.

technical specification

Laser system Classe IV (according to EN IEC 60825-1:2003)
Equipment classification Classe IIb (according to 93/42/CEE)
IP degree of protection Device: IP 20; foot switch: IPX5

Emission scanner tfl mode		Emission surgery mode	
Wavelength	1540 nm +/- 10 nm	Laser source	Laser diode
Power	15 W CW +/- 20%	Wavelength	1540 nm +/- 10 nm
Second laser source (included in the handpiece)	Laser diode	Power	0,1 - 15W CW
Wavelength	980 nm +/- 15 nm		Ton CW 0,0005 - 30 s
Power	1W CW +/- 20%		Toff 0,0005 - 30 s
	Ton 0,5 - 30 ms		
	Toff 0,5 - 30 me		
Energy for microbeam	7,5 - 450 mJ		
Scanner speed	>200 microbeam/s		

NOHD (Eye risk distance) 1.5 m
Aiming beam 635 nm, 1 mW CW MAX
Start foot switch, ignition switch and electronic access key
Isolation class Class 1, type B
Operation parameters On graphic color display
User interface Touch-screen
Size 200x210x200 mm
Weight 4 kg
Alimentation use only PROTEK PMP130-12-Q12
Accessories Carrello, Valigia, Handle for surgery