

## SPECIFICATIONS

Energy: IR up to 60 J/cm2
Pulse duration: up to 6 sec
Spot size: IR 3.4/6.4 cm2

► Cooling system: Water cooling system

Contact cooling tip

# ABOUT SHARPLIGHT

SharpLight Technologies Ltd. designs and manufactures non-invasive aesthetic medical solutions for treatment of a broad range of applications such as skin rejuvenation, vascular and pigmented lesion removal, body contouring, hair removal and more. The company is an expert in the aesthetic field and its proprietary DPC<sup>TM</sup>, DPC<sup>TM</sup> Flow and VermaDerm<sup>TM</sup> technologies have redefined treatment effectiveness, comfort and speed. SharpLight offers a full line of stand-alone and multi-technology aesthetic systems powered by DPC, RF, VemaDerm and Laser technology.

For more information visit SharpLightTech.com





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## RAPIDTIGHT

Infra-Red (IR) has established itself as a gold-standard technology for the treatment of a variety of aesthetic conditions such as lax skin, stretch marks and skin tightening. The Rapid Tight is a single-technology device based on VermaDerm $^{\text{TM}}$  technology that targets the fibroblast to stimulate collagen renewal providing your patients with superior clinical outcomes.

#### VermaDerm treatment is:

- Fast, with visible results after the 1st treatment
- ▶ Effective, on all skin-types, all year round
- ▶ Pain-free and comfortable
- Non-invasive
- A 'Lunch-time' procedure with no downtime

# Rapidly Increase your business turnover

The business concept behind the Rapid Tight is to create a singular technology device focused on skin tightening and textural improvements. The device is more affordable compared to multi-technology platforms. The Rapid Tight was designed for practices that want to add IR capabilities to their treatment portfolio and gradually grow their business. A key benefit of the Rapid Tight is that all its capabilities are utilized. Unlike multi-technology platforms in which several technologies are dormant while you are using your technology of choice, with the Rapid Tight, no resources go unused.

The Rapid Tight enables you to meet the ever-growing demand for effective anti-aging skin treatments. Using the device, you can attract new patients to your practice and offer existing patients a variety of new treatments, which translates into a rapid return on your investment.

### To seamlessly fit into your practice, the Rapid Tight has:

- Ergonomically designed handpieces with a builtin cooling mechanism ensuring an effective and pleasurable treatment
- Software with pre-set treatment settings that assure the best clinical outcomes and fast treatment delivery
- Intuitive graphic user interface for a fast learning curve
- A modern and sophisticated design with a small footprint

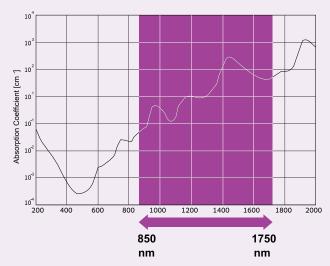
## Vermaderm Technology

VermaDerm energy is delivered in multi-second pulses with the total fluency ranging from 5 to 60 J/cm². By adjusting the fluency and the pulse form, different tissues at varying depths can be heated to particular temperatures.

The thermal effect causes the collagen fibers to contract, which results in immediate skin tightening. Long term clinical outcomes are achieved by undergoing several treatments in which the heat causes selective thermal stress that stimulates the body's wound healing response. The response triggers the production of new collagen that provides the skin with lasting firmness and improved textural appearance. The epidermis is protected throughout the treatment by a sapphire contact cooling mechanism integrated into the handpiece.

The Rapid Tight is equipped with two IR hand piecesone with a spot size of 3.4 cm<sup>2</sup> and the other with a spot size of 6.4 cm<sup>2</sup>. The IR 3.4 is better suited for smaller and more delicate areas such as the face and décolleté, while the 6.4 spot size allows you to easily treat larger surface areas.

The hand pieces emit a long pulse IR wavelength that ranges between 850nm-1750nm. This long wavelength enables the IR to penetrate up to 4 mm (0.15") deep into the reticular dermis. The VermaDerm energy is absorbed by the water content in the tissue causing dermal heating.



**Figure:** The Absorption of Light in Tissue Chromophores as a Function of Wavelength

