



Medical and Life-science branches

Medicine						Life-science
Aesthetics	Dermatology	Urology	Odontology	Ophthalmology	Photodynamic therapy	Spectroscopy
Diode laser packages and “Plug & Play” modules for beauty treatments	Laser technology for light-assisted treatment of any skin condition	Laser technology for surgical tools and endourology procedures	Laser technology for surgical and dental procedures	Solid-state laser technology for photocoagulation therapy and selective retinal therapy (SRT)	Direct diode lasers in low power for cancer treatment and pain relief treatment	Laser technology that enables Raman, LIBS, CRDS spectroscopy

Laser technology for Dermatology and Aesthetics



- Fibroplast plasma skin tightening
- Laser hair removal
- Laser lipo
- Skin resurfacing
- Scars, Spot and cope removal
- Varicose vein treatment
- Wrinkle removal

Laser sources for Plasma Fibroplast

Plasma HHL1470 nm laser

Monocrom offers fiber-coupled lasers based on diode technology designed to tighten the skin by shrinking excess skin, crow's feet, bags and wrinkles without surgery. Plasma Fibroplast therapy is a non-invasive treatment that is known to be a highly effective, remarkable lower cost alternative to surgery or injections

Wavelength: 1470 nm

Indicated for:

- brow lifting
- fine lines/ wrinkle reduction
- Neck lifting (tightening)
- Stretch marks/scars removal
- Upper lip wrinkles reduction
- Stomach tightening
- Sagging skin on the face
- Skin tags / age spot removal



Laser technology for Hair Removal

Laser bar mounts and stacks

Monocrom develops conductive and water-cooled stacks and mounts for hair removal unique in their performance: no mechanical stress, no „smile“ effect, no need of microchannels. We commit to more energy, higher brightness, longer life-time of the diode and less water quality control.

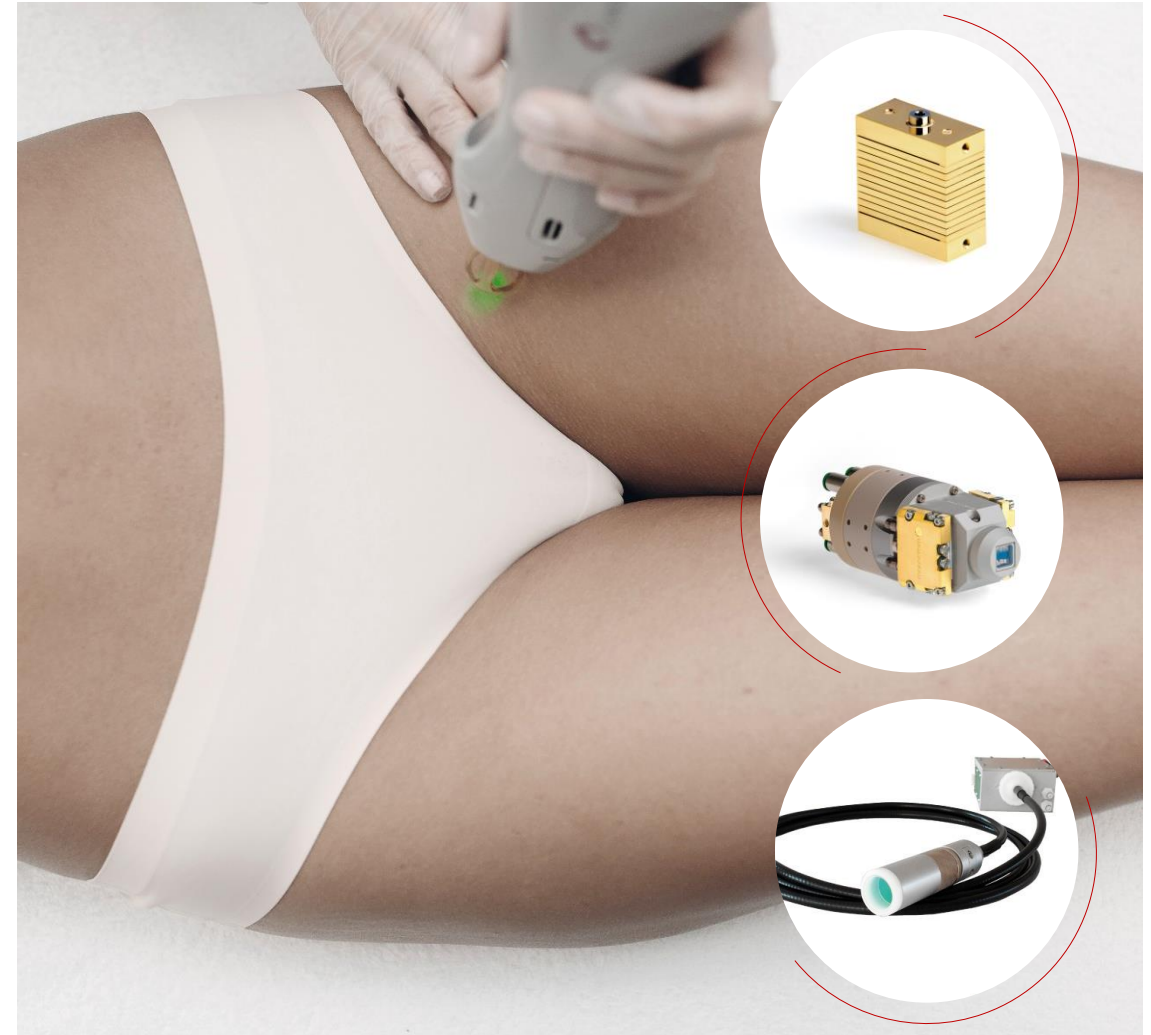
“Plug & Play” laser diode modules

We offer single or multiple laser stacks (single or combined wavelengths) laser modules with a variety of tips and optics giving the option for custom design solutions.

Liquid fiber output laser diodes

We have set a new standard in Hair Removal. Liquid fiber output delivery of high-power laser diode offering a combination of different wavelengths in the same laser system, so the full range from 760nm to 1064nm could be covered. Enjoy an ergonomic, lightweight and shockproof hand piece.

*Solder-free CLAMPING® technology inside all our Hair Removal products



Laser technology for Lipolysis

Single bar lasers and laser diode stacks

Monocrom offers optimized Lipo laser technology based on single laser bar mounts and multi laser bar stacks for effective penetration and absorption through the skin. Our Lipo laser technology can be easily customized to match customers' device requirements. Our quality management system assure the high reliability of our products (< 0,5% of malfunction products).

Wavelength: 915 nm / 940 nm /1060 nm

Indicated for: fat reduction, body contouring, skin tightening



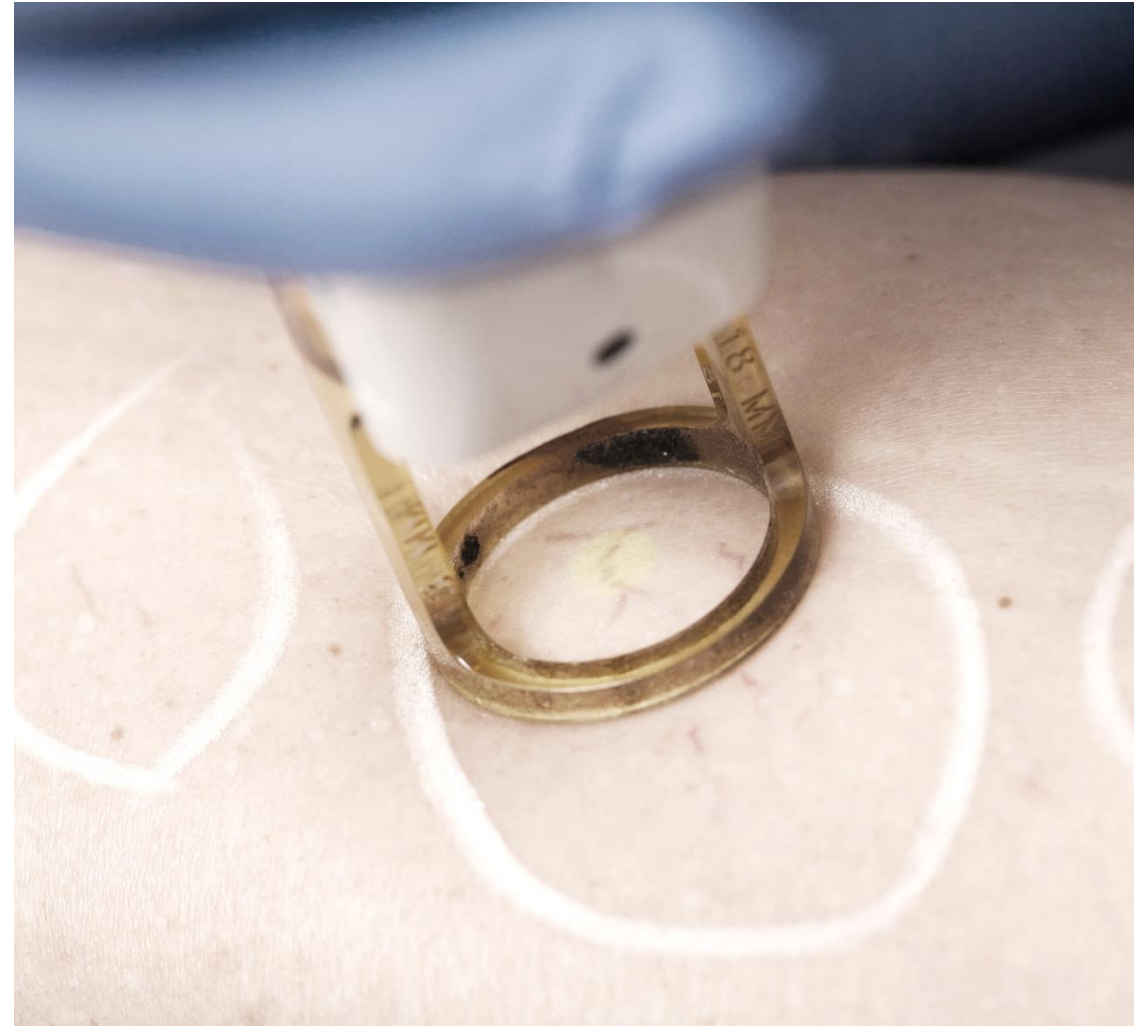
Laser technology for Vascular

Vas MP 532 lasers

Monocrom offers affordable fiber-coupled lasers based on solid-state laser technology for highly effective treatment to many different vascular disorders, reducing health risks and enhancing a correct blood circulation for long term wellness benefits.

Wavelength: 532 nm

Indicated for: vascular malformations treatment, varicose veins elimination



Laser technology for Urology



- Soft tissue Surgery
- Treatment of Benign Prostatic Hyperplasia (BPH)

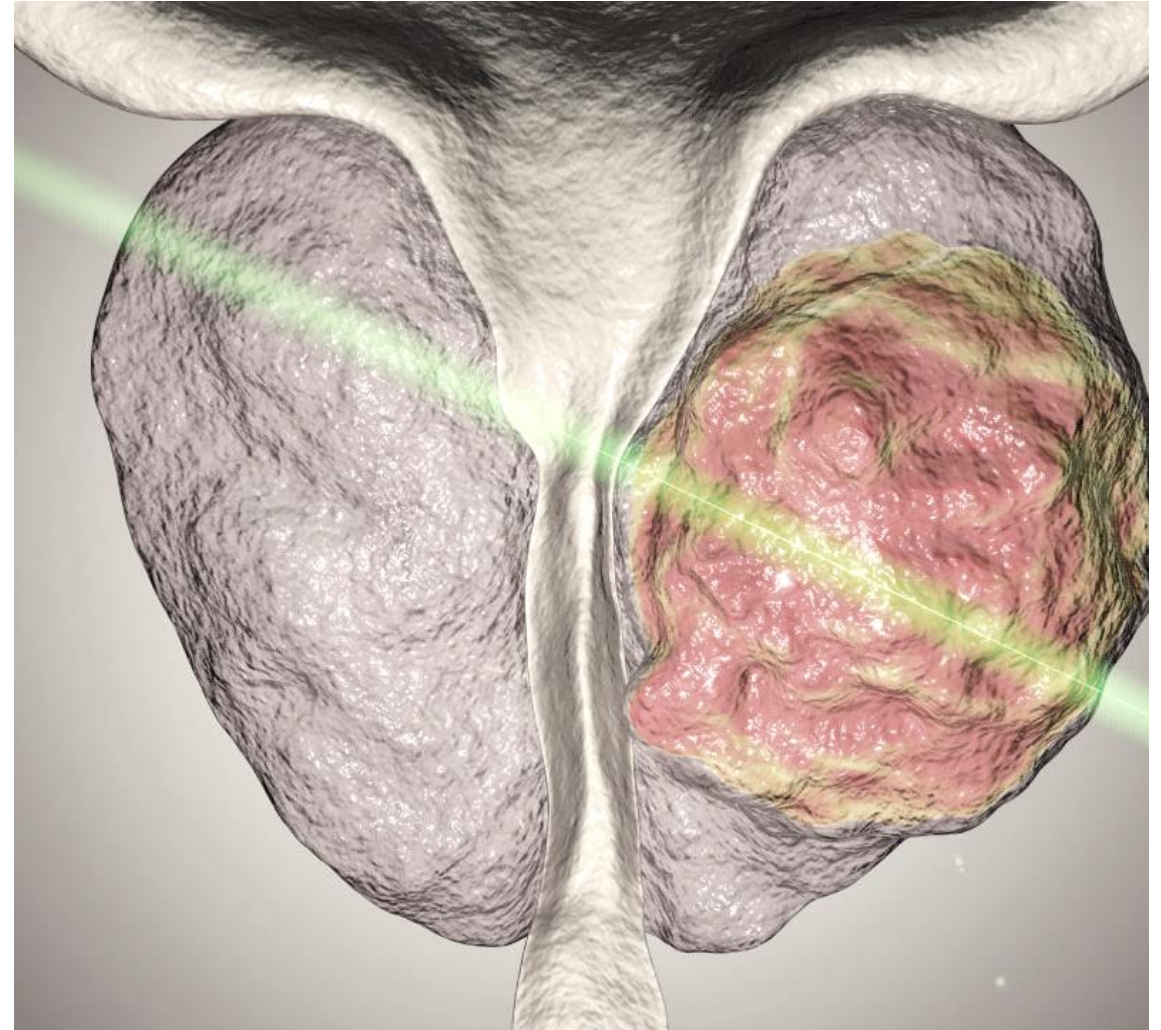
Laser technology for Urology

Endo FLEX lasers

A perfect laser solution for soft tissue surgery in Endourology. The laser wavelength is 2 μm , which is absorbed by the ubiquitous water of the tissue molecules. Whereas Holmium: YAG lasers, our laser can be operated in continuous wave allowing a high rate of tissue vaporization.

Wavelength: 1900-2600 nm (tunable*)

Indicated for: soft tissue surgery, Benign Prostatic Hyperplasia (BPH) treatment



Laser technology for Ophthalmology



- Selective Retinal Therapy (SRT)
- Retinal Photocoagulation Therapy

Laser technology for Ophthalmology

EYE Photo 532 lasers

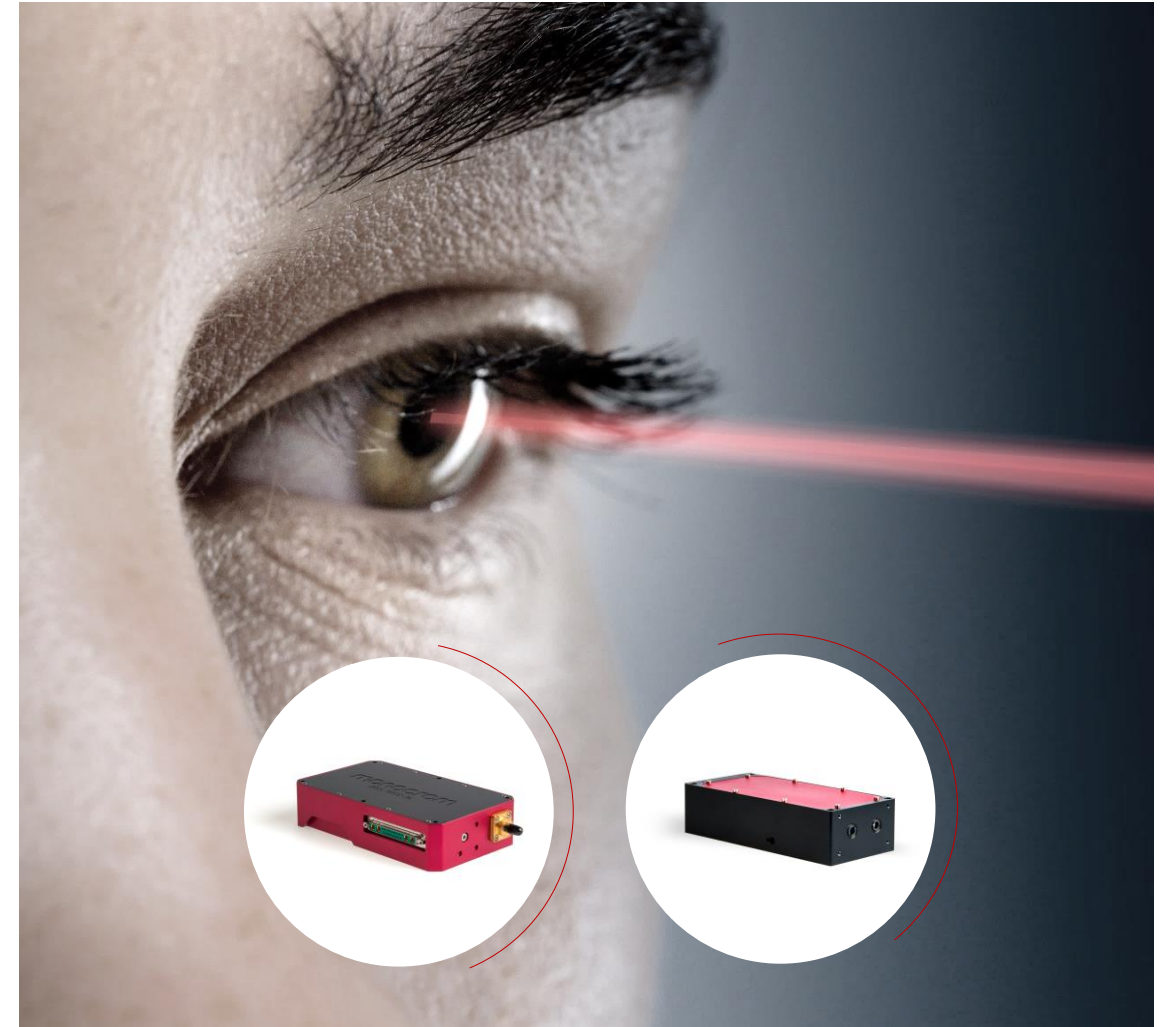
Monocrom offers laser technology for regular and advanced retinal photocoagulation techniques based on diode-pumped solid state laser technology. Wide power range, fluence and pulse modulation in combination with a versatile, compact and robust design.

EYE Select 527 lasers

Monocrom EYE Select laser technology has obtained a worldwide recognition for its precise and reliable performance in macular degeneration treatment. The laser emits extra short pulses of energy that destroy only the affected tissue without damaging healthy eye tissue.

Wavelength: 527 nm / 532 nm

Indicated for: Selective Retinal Therapy (SRT), Retinal Photocoagulation Therapy



Laser technology for Cancer Treatment



- Photodynamic therapy
- Pain relief treatment

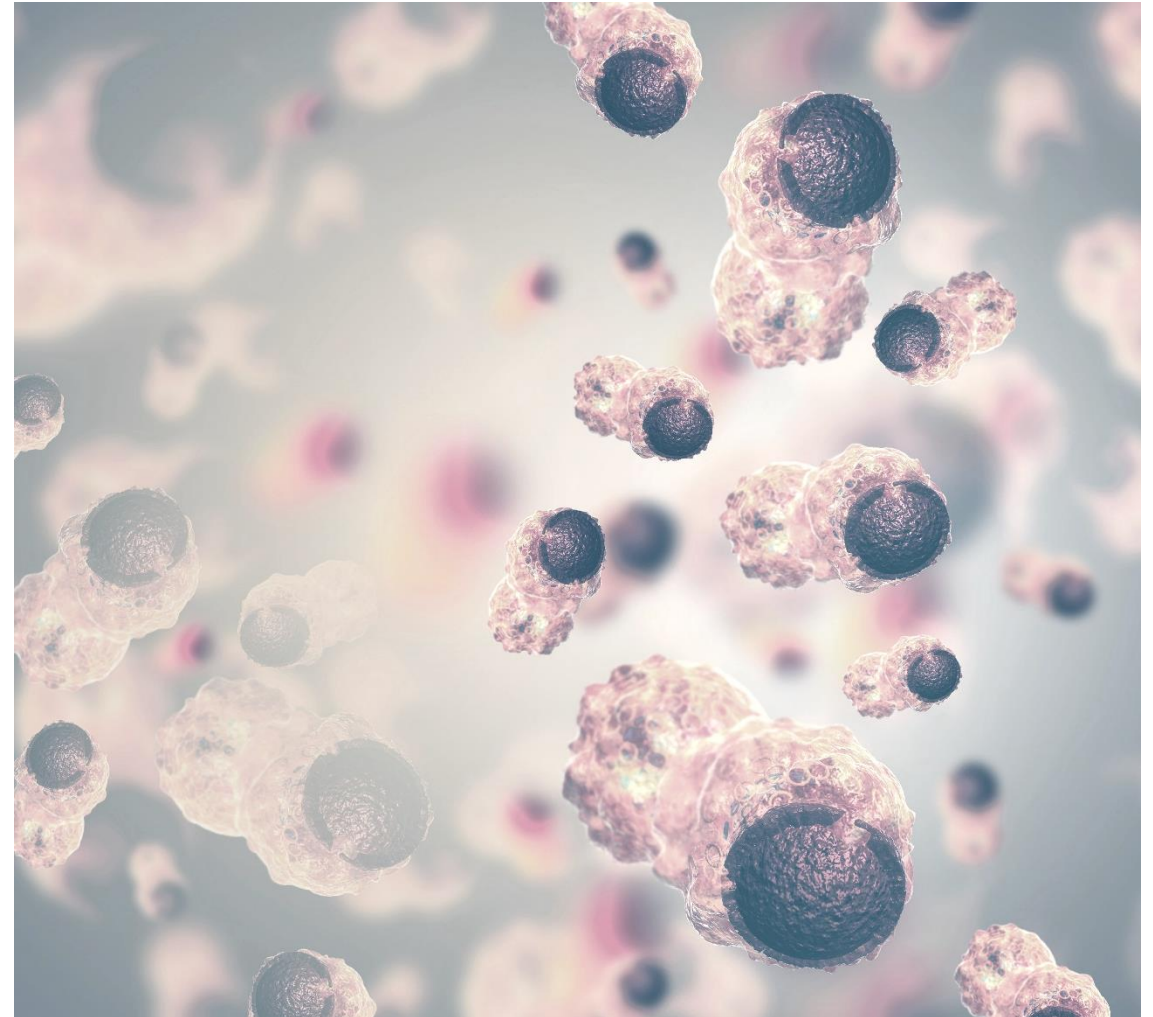
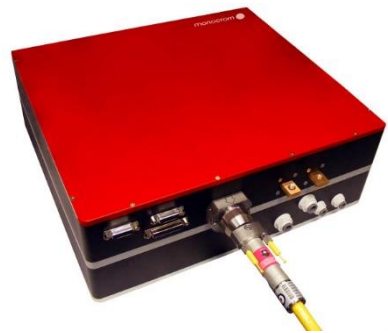
Laser technology for Cancer Treatment

Dyna 638 lasers

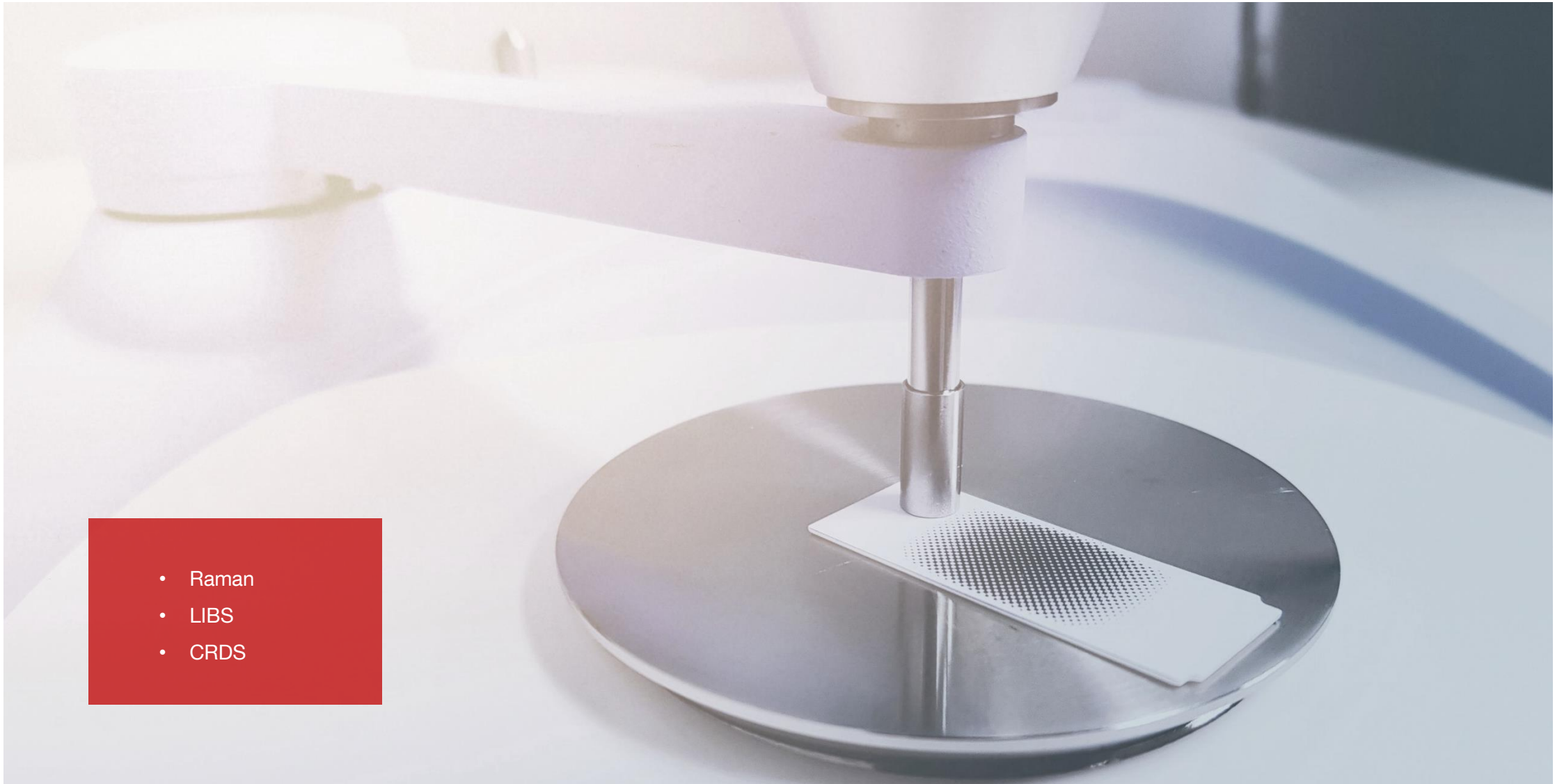
Monocrom offers low power lasers for high brightness for localized treatments such as photodynamic therapy and pain relief procedures. Free-beam optics, or fiber-coupled offered in combination with superb reliability.

Wavelength: 638 nm

Indicated for: photodynamic therapy, pain relief treatment



Laser solutions for Spectroscopy



- Raman
- LIBS
- CRDS

Laser solutions for Spectroscopy

Spectra SS lasers

This technique can resolve the elemental composition of any sample thanks to the power of the lasers. Monocrom high energy diode pumped solid state laser (HESSL) open the possibility to step into all coherent spectroscopy applications

Wavelength: Raman: 532 nm / 785 nm / 1064 nm

LIBS: 532 nm / 1064 nm

CRDS: 680 nm / 1064 nm

Indicated for: Raman / LIBS / CRDS spectroscopy



Thank you! Visit us at www.monocrom.com

