

Technology  
meets Anatomy

# LEONARDO<sup>®</sup> Mini Athletic

New laser therapy for  
sports injuries



- Convenient, mobile device
- Simple, intuitive operation
- Activates cell metabolism
- Sterilises infected areas
- Reduces recovery time

# LEONARDO® Mini Athletic - A new gentle treatment method for sports injuries, inflammation and excess strain

The evolution of laser therapy continues with the new **LEONARDO® Mini Athletic Laser** from biolitec®. With sports injuries in particular, providing fast, targeted and painless treatment is the best choice for the patient to stop an acute injury from becoming a chronic one.

By administering laser treatment with the **LEONARDO® Mini Athletic Laser** to the skin surface, all the metabolic processes in the treatment area are accelerated and can thus regenerate more quickly. In this way, the **LEONARDO® Mini Athletic Laser** activates the body's powers to heal itself, without any need to cut into the skin. Sports injuries, inflammations and excess strains can thus be treated with precision, and healing and recovery time is significantly reduced.

# Wide range of applications

Athletic Laser treatment can be used in all kinds of sport. Whether the patient's sport is football, basketball, athletics, swimming or tennis, and whether the patient is a professional or a recreational athlete - everyone can benefit from this quick and very gentle treatment method.

Typical sports injuries, such as torn muscle fiber or inflammation of the Achilles tendon can be treated with the Athletic Laser. The spectrum for treatment is very broad - from large muscles such as the quadriceps to smaller muscle parts such as those in the forearm.

## Accelerates recovery time

Treatment does not require intervention or medication, but uses the body's mechanisms for healing itself. The laser stimulates cells and tissues so that the body's natural capacity for healing is activated and accelerated. This reduces recovery time, which is very important in professional sports. The secret of this success lies in the combination of heating, pain relief, and bio-stimulation.

However, treatment with the Athletic Laser can also accelerate recovery of the muscles and degradation of toxins in the muscles after great strain. Sports doctors, orthopaedists and physiotherapists can also use this convenient laser right there in the treatment room on-site.

## Advantages of non-invasive, painless laser therapy with the LEONARDO® Mini Athletic Laser

### Combination of

- Heating
- Pain relief
- Bio-stimulation

### Use

- In your practice
- In the treatment room on-site



# Applications

- Inflammation of tendons
- Thigh muscles, lower leg musculature, gluteal muscles
- Thigh knock, muscle stiffness
- Muscle stimulation, pulled muscle, torn muscle fiber
- Small, specific muscle parts
- Trauma, bruising, haematoma
- Bones, ankle joint, knee meniscus, tibial head
- Inflammation of the outer layer of the bone, shin splints (periostitis)
- Infection, herpes, boils

## Advantages

### Versatile and universal

- Acceleration of muscle recovery
- Wide range of therapeutic applications
- Gentle, non-invasive treatment
- No invasive procedures or medication required
- Acts as a catalyst for the body's own mechanisms for regeneration
- Mobile, lightweight, space-saving laser device
- On-site use in the treatment room thanks to integrated battery
- Simple, intuitive operation







## LEONARDO® Mini Athletic Laser



Technical specifications	LEONARDO® Mini Athletic
REF	SL810+980nm15W
Power/Wavelength	7.5 Watt (810 nm) / 7.5 Watt (980 nm)
Fiber diameter	≥ 360 µm
Aiming beam	635 nm, max. 4 mW
Treatment mode	CW, Pulse Mode (optional)
Pulse duration/-break	0.01 - 60 sec. / 0.01 - 60 sec.
Power supply	110 - 240 VAC, 50 - 60 Hz (7.2 VDC @ 36 Watt)
Batteries	Li-ion Batteries
Dimensions (H × W × D)	6 cm × 9 cm × 21.5 cm
Weight	900 g

## Fiber

REF	Produkt	Qty *	Length [m]	OD ø [mm]
503201921	Reusable Bare Fiber 600 µm, Flat Tip, IC (10 × 1 h)	5	3	0.95

\* Packaging unit



# The LEONARDO® Mini is available in various versions for our minimally invasive laser therapies:



## biolitec® worldwide

### **biolitec biomedical technology GmbH**

Otto-Schott-Str. 15  
07745 Jena, Germany  
Phone: +49 3641 519 53 0  
Fax: +49 3641 519 53 33  
info@biolitec.de  
www.biolitec.com

### **biolitec AG**

Wien, Austria  
Phone: +43 1 3619 909 50

### **biolitec Italia SRL**

Milano, Italy  
Phone: +39 0284230633

### **biolitec Tibbi Cihazlari**

Istanbul, Turkey  
Phone: +90 216 574 7456

### **biolitec SPb**

Saint-Petersburg, Russia  
Phone: +7 812 4492936

### **biolitec FZ LLC**

Dubai, UAE  
Phone: +971 44 29 85 92

### **biolitec laser science and technology Shanghai Ltd.**

Shanghai, China  
Phone: +86 21 6308 8856

### **biolitec (M) Sdn. Bhd.**

Petaling Jaya, Malaysia  
Phone: +603 56 32 71 28

### **biolitec India Pvt. Ltd.**

Baroda, India  
Phone: +91 265 3201106

### **biolitec Indonesia**

Tangerang, Indonesia  
Phone: +62 21 537 2994

### **biolitec Korea Ltd.**

Seoul, Republic of Korea  
Phone: +82 2 701 4707

### **Equipos Laser de Uso Medico y Fibra Optica SA de CV**

México City, Mexico  
Phone: +52 155 55 731800

### **biolitec Biotecnologia Comércio, Importação, Exportação, Ltda.**

São Paulo, Brazil  
Phone: +55 11 2093 8602



Manufacturer; MDD 93 / 42 EEC; CE1984: CeramOptec GmbH, Siemensstr. 44, D-53121 Bonn (unless otherwise specified)

Disclaimer: Products might not be available in every country. biolitec® is a registered trademark owned by biolitec. LEONARDO® is a registered Community Trademark (CTM) owned by biolitec. All fibers are free of latex and DEHP. Our fibers are single use products (unless otherwise indicated) delivered sterile for immediate use.