



LASP-Expert

Effective laser therapy with laser pen for mobile use



NEW



The therapeutic laser pen LASP-Expert allows for comfortable treatment of pain, trigger and acupuncture points. For therapy continuous output, multi, alpha, Bahr, Reininger and Nogier frequencies as well as freely programmable frequencies are available (software extension optionally available). LASP-Expert features a 500 mW infrared diode laser with a wavelength of 808 nm, which is scientifically proven to provide the best values of penetration depth and biostimulation efficiency. Its battery operation enables easy, mobile use of treatment.

TECHNICAL DATA

Power supply	Internal
Laser class	3B
Power supply	Interchangeable NiMH batteries with charging station (2 pieces AA á 1.2V 2,600 mAh)
Laser type	Semiconductor laser
Wavelength	808 nm
Power output max.	500 mW ± 10 % (CW)
Dimensions (W x H x D)	34 x 36 x 225 mm
Weight	0.2 kg
Battery charger:	
Power connection	100 – 240 VAC
Safety class	II SELV (IEC 60601-1)
Mains frequency	50 – 60 Hz
Current consumption max.	0.35 A
Weight	0.41 kg

STANDARD ACCESSORIES

[1]	Charging station
[1]	Operating instructions
[2]	Laser protection glasses (patient and user)
[1]	Metal case with inlay
[1]	Optical waveguide straight Ø 3 mm
[1]	Optical waveguide straight Ø 10 mm
[1]	Plexi holder
[1]	Short introduction to laser therapy
[1]	Standard battery

SPECIAL FEATURES

LASER THERAPY

Wavelength of 808 nm with 500 mW – best value for penetration depth and biostimulation

Continuous output, multi-, alpha, Bahr, Reininger and Nogier frequencies

Software extension optionally available with Solfeeggio frequencies, FI bands, sweeps and Cranio program

20 memory locations for freely programmable frequencies (1 to 9,999 Hz)

Dose, intensity and therapy time individually adjustable

Automatic calculation of therapy time for preset dose

Laser pen for key point treatment and laser puncture (including high-resolution acupuncture search function with automatic start/stop function)

[1] Optionally optical waveguides are available as auto-clavable attachments for the laser pen for treatments in the fields of dentistry and ENT

GENERAL FEATURES

Fastest therapy start

Display of the selected setting on the colour display

Battery-driven

With battery and metal case for mobile use

LASS-Expert

Effective laser therapy with laser shower

NEW



The therapeutic laser shower LASS-Expert is used for application on larger surfaces (e. g., in trauma, arthropathy, hypertonia of large muscles and dermatology). It works with 21 laser diodes (2.100 mW Power output max.) and offers continuous output, alpha, Nogier, Bahr, Reiningger and multifrequency or freely selectable frequencies (software extension optionally available). The infrared diode laser with a wavelength of 808 nm provides the best values of penetration depth and biostimulation efficiency according to latest scientific conclusions.

TECHNICAL DATA

Protection class	II SELV (IEC 60601-1)
Laser class	3B
Laser type	Semiconductor laser
Wavelength	808 nm
Power connection (external power supply)	100-240 VAC
Mains frequency	50 – 60 Hz
Current consumption	0.35 A
Power output max.	21 x 100 mW ± 10% (CW)
Dimensions (W x H x D)	105 x 47 x 310 mm
Weight (inclusive power supply)	0.6 kg

STANDARD ACCESSORIES

[2]	Laser protection glasses (patient and user)
[1]	Metal case with inlay
[1]	Operating instructions
[1]	Plexi holder
[1]	Power supply unit
[1]	Short introduction to laser therapy
[1]	Shower adapter

SPECIAL FEATURES

LASER THERAPY

Wavelength of 808 nm – best value for penetration depth and biostimulation

Continuous output, alpha, Nogier, Bahr, Reiningger and multi-frequencies

Software extension optionally available with Solfeggio frequencies, FI bands, sweeps and Cranio program

20 memory locations for freely programmable frequencies (1 to 9,999 Hz)

① Laser shower with 21 high performance laser diodes for application on larger surfaces

High laser density on 55 cm² treatment area

Dose, intensity and therapy time individually adjustable

Interchangeable adapter with integrated protective glass for hygienic and fast working

Visualization of the treatment area by four red light diodes

② Can be converted into a laser comb by clicking (comb adapter optional accessory)

GENERAL FEATURES

Fastest therapy start

Display of the selected setting on the colour display

With metal case for mobile use