

L A S - E x p e r t

TECHNOLOGY FOR THERAPY

L A S - *Expert*

THE ADVANCED UNIT FOR LASER APPLICATION
BY LASER SHOWER OR LASER PEN



PHYSIOMED[®]
ELEKTROMEDIZIN

LAS-Expert – the advanced unit for laser application by laser shower or laser pen. With automatic calculation of treatment parameters, indications-index and individual program memory...

■ **LCD Comfort Display (illuminated)** for especially good transparency. The proven **PHYSIOMED one-button-operation** insures maximum user-friendliness.

■ **Applicators**

Laser shower with 14 laser diodes, for application on larger surfaces (e. g. in trauma, arthropathy, large muscular hypertony and in dermatology).

Laser pen incl. acupuncture search function (per conductometry) for key point treatment or laserpuncture.

Both applicators feature additional keys for parameter setting.

■ **Laser emission**

785 nm semiconductor laser (scientifically proven: best values in penetration depth and biostimulation efficiency). Multi- or Alpha-frequency (laser shower). Continuous, Multi- and Nogier-frequencies (laser pen).

■ **Automatic calculation** of treatment parameters, for an efficient and save therapy. After entering the desired energy density and treatment surface, the **LAS-Expert** will automatically calculate the treatment parameters.

■ **An extensive indications-index** for accessing therapy via an alphabetically sorted list of indications, with automatic call of a treatment program featuring a suggested dosage and a graphic of the treatment area.

■ **Individual program memory** Individually adjustable and quickly called program memories for frequently used treatment programs.

TECHNICAL DATA:

Lasertyp: infrared semiconductor laser 785 nm
 Laser output max. laser shower: 700 mW_{peak} (14 x 50 mW)
 Laser output max. laser pen: 60 mW_{peak}
 Power consumption: 35 VA
 Rated voltage: 230 V ± 10 % (115 V)
 Laser class: 3B
 Class of protection: 1, type BF
 Dimensions: 345 x 155 x 271 mm
 Weight: 4,1 kg

ACCESSORIES (STANDARD):

- 1 Accessory tray
- 1 Mains cable
- 1 Protection goggles
- 1 Operating manual
- 1 Therapy manual "Laser"

ACCESSORIES (SPECIAL):

- Laser shower
- Laser pen
- Transportation bag
- Trolley *Expert* and *Universal* in different models

OTHER ACCESSORIES:

See list of accessories

PHYSIOMED instruments comply with the latest safety standards and the provisions of the Medical Devices Act. They are manufactured as per the current standards of quality assurance, have passed a type test and feature the statutory CE mark pursuant to Directive 93/42/EEC.



Treatment proposals with graphics



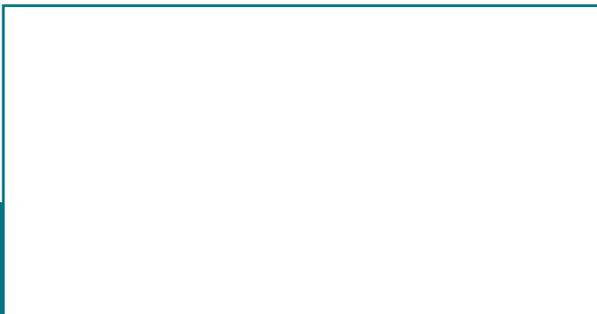
Laser shower



Laser pen



TECHNOLOGY FOR THERAPY



Therapy unit with:

- LAS-Expert
- Special accessories laser shower and laser pen
- Trolley *Expert* #96



ISO 9001

MADE IN GERMANY



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