

LASER (940nm.) 4W- EL.100-LS**LASER (940nm.) 8W- EL.101-LS****LASER (810 y 980 nm.) 6W- EL.102-LS****LASER (810 y 980 nm.) 12W - EL.103-LS**

Frecuencia regulable de 100 a 10.000 Hz.

Cálculo automático de la energía erogada en Julios.

32 sugerencias terapéuticas. Memoria interna con 200 programas para memorizar.

Voltaje: 220-240V/50-60Hz. Bajo pedido 110-127V/50-60Hz.

EL.100-LS + EL.101-LS

1 sola longitud de onda de 940 nm.

Máxima potencia de absorción 70VA.

1 diodo de 4W de potencia (EL.100-LS) o de 8W (EL.101-LS).

Tarjeta Smart card con 200 programas para memorizar.

EL.102-LS + EL.103-LS

Combina 2 longitudes de onda de 810+980 nm.

Máxima potencia de absorción 75VA.

1 diodo de 6W de potencia (EL.102-LS) o de 12W (EL.103-LS).

Llave USB 4Gb con programas para memorizar.

Accesorios incluidos VIKARE**EL.100-LS + EL.101-LS:**

2 gafas de protección láser

1 Cabezal láser multispot

1 Smart Card

Accesorios incluidos BIPOWER**EL.102-LS + EL.103-LS:**

2 gafas de protección láser

1 Cabezal láser de fibra óptica

1 Llave USB 4Gb

1 Llave de seguridad

1 Pedal con protección

**EL.102+103****EL.100+101**

LASER MÓVIL 25W. - EL.104-LS

LASER DE SOBREMESA 12W. - EL.105-LS

32 sugerencias terapéuticas. Memoria interna con 200 programas para memorizar. Llave USB 4Gb con programas para memorizar.

Voltaje: 220-240V/50-60Hz. Bajo pedido 110-127V/50-60Hz.

EL.104-LS

Máxima potencia de absorción 280VA.

1 diodo de 25W de potencia.

EL.105-LS

Máxima potencia de absorción 75VA.

1 diodo de 12W de potencia.

Accesorios incluidos

EL.104-LS:

- 2 gafas de protección láser
- 1 Cabezal láser removible
- 1 Llave USB 4Gb
- 1 Llave de seguridad
- 1 Pedal con protección

Accesorios incluidos

EL.105-LS:

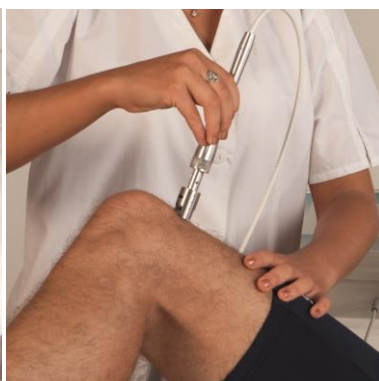
- 2 gafas de protección láser
- 1 Cabezal láser
- 1 Llave USB 4Gb
- 1 Llave de seguridad
- 1 Pedal con protección



EL.104



EL.105









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Láserterapia de alta potencia

| | EL.102-LS | EL.103-LS | EL.100-LS | EL.101-LS | EL.104-LS | EL.105-LS |
|--|---|---|---|--|---|---|
| Línea |  |  |  |  |  |  |
| Longitud de onda | 810+980 nm | 810+980 nm | 940 nm | 940 nm | 1064 nm | 1064 nm |
| Potencia | 6 W | 12 W | 4 W | 8 W | 25 W | 12 W |
| Pantalla | Touch Screen a color 8' | Touch Screen a color 8' | Touch Screen a color 6' | Touch Screen a color 6' | Touch Screen a color 8' | Touch Screen a color 8' |
| Protocolos memorizados | 32 | 32 | 32 | 32 | 32 | 32 |
| Protocolos memorizables en la memoria interna | X | X | - | - | X | X |
| Protocolos memorizables con Smart Card | - | - | 200 | 200 | - | - |

Accesorios en dotación

| | EL.102-LS | EL.103-LS | EL.100-LS | EL.101-LS | EL.104-LS | EL.105-LS |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Manípulo defocalizado de fibra óptica, 4 spots integrados en el equipo | 1 | 1 | 1 | 1 | - | 1 |
| Manípulo defocalizado de fibra óptica, 4 spots no integrados en el equipo | - | - | - | - | 1 | - |
| Gafas de protección | 2 | 2 | 2 | 2 | 2 | 2 |
| Pedal | X | X | X | X | X | X |
| Interlock | 1 | 1 | 1 | 1 | 1 | 1 |
| Smart Card | - | - | X | X | X | X |
| Llave USB | X | X | - | - | X | X |
| Manual de uso en DVD | X | X | X | X | X | X |
| Cable de alimentación | X | X | X | X | X | X |
| 2 Fusibles | X | X | X | X | X | X |

Accesorios opcionales

| | CODIGO |
|--|-------------|
| Manípulo defocalizado de fibra óptica (Crystal YAG 25 W) | ACC1274 |
| Maleta vacía en TNT para transporte | CONT72 |
| Carro con 3 estantes | ACC604 |
| Llave USB 4GB EME | ACC1317/2/E |
| Gafas de protección YG3 | ACC954 |
| Pedal | ACC1514 |

CARACTERÍSTICAS TÉCNICAS / TECHNICAL SPECIFICATIONS

| MODELS | EL.100-LS | EL.101-LS | EL.102-LS | EL.103-LS |
|--|---|---|---|---|
| Main power supply | 230 Vca, 50-60 Hz \pm 10% 115 Vca, 50-60 Hz \pm 10%* | 230 Vca, 50-60 Hz \pm 10% 115 Vca, 50-60 Hz \pm 10%* | 230 Vca, 50-60 Hz \pm 10% 115 Vca, 50-60 Hz \pm 10%* | 230 Vca, 50-60 Hz \pm 10% 115 Vca, 50-60 Hz \pm 10%* |
| Maximum main power absorption | 70 VA | 70 VA | 75 VA | 75 VA |
| Double delay type (T) main fuses | 230Vca 630 mA-T-5x20 mm | 230Vca 630 mA-T-5x20 mm | 230Vca 630 mA-T-5x20 mm | 230Vca 630 mA-T-5x20 mm |
| Backlit LCD display to view and check the operating parameters | Graphic colour LCD 6" Touch screen | Graphic colour LCD 6" Touch screen | Graphic colour LCD 8" Touch screen | Graphic colour LCD 8" Touch screen |
| Maximum power | 4W | 8W | 6W | 12W |
| Configuration of the laser probe | Integral connection with the machine | Integral connection with the machine | Integral connection with the machine | Integral connection with the machine |
| Emission wavelength laser diode | 940 nm | 940 nm | 810 + 980 nm | 810 + 980 nm |
| Laser Classification | 4 | 4 | 4 | 4 |
| DNRO (m) | 1,215 | 1,721 | 2,100 | 2,986 |
| Emission frequency | 100 – 10000 Hz | 100 – 10000 Hz | 100 – 10000 Hz | 100 – 10000 Hz |
| Pulsed mode | 10 - 100% | 10 - 100% | 10 - 100% | 10 - 100% |
| Classification according to Directive 93/42/EEC | IIB | IIB | IIB | IIB |
| Output channels | 1 | 1 | 1 | 1 |
| Insulation class / parts applied in accordance with EN 60601-1 | I/BF | I/BF | I/BF | I/BF |
| Stored protocols | 32 | 32 | 32 | 32 |
| Storable programs on the internal memory | 200 | 200 | 200 | 200 |
| Storable programs on the Smart Card | 200 | 200 | | |
| Storable programs on the USB | | | 4 Gb | 4 Gb |
| Weight | 4,65 Kg | 4,65 Kg | 4,90 Kg | 4,90 Kg |
| Transportable desktop container Size | 39 x 17,5 x 28 cm | 39 x 17,5 x 28 cm | 39 x 17,5 x 28 cm | 39 x 17,5 x 28 cm |

*on request

CARACTERÍSTICAS TÉCNICAS / TECHNICAL SPECIFICATIONS

| MODELS | EL.104-LS | EL.105-LS |
|--|---|---|
| Main power supply | 230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%* | 230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%* |
| Maximum main power absorption | 280 VA | 75 VA |
| Double delay type (T) mains | 230 Vca - 5 A-T | 230 Vca - 5 A-T |
| Backlit LCD display to view and check the operating parameters | Graphic colour 8" Touch screen | Graphic colour 8" Touch screen |
| Peak power in continuous mode | 25W | 12W |
| Pulse adjustable | 10 - 100% | 10 - 100% |
| Setting emission | 10 - 100% | 10 - 100% |
| Emission | Continuous | Continuous |
| Emission frequency | 0 - 30Hz | 0 - 30Hz |
| Classification according to Directive 93/42/EEC | IIB | IIB |
| Insulation class / parts applied in accordance with EN 60601-1 | I/BF | I/BF |
| Adjustable treatment time | Up to 99 minutes | Up to 99 minutes |
| Output channels | 1 | 1 |
| Stored protocols | 32 | 32 |
| Storable programs on the internal memory | 200 | 200 |
| Storable programs on the USB | 4 Gb | 4 Gb |
| Size | Trolley based 40,6 x 105 x 30 cm | 39 x 17,5 x 28 cm |
| FEATURES LASER SOURCE | | |
| Source type | Nd-Yag | Nd-Yag |
| Peak power in continuous mode | 25W | 12W |
| Wavelength | 1064 nm | 1064 nm |
| Laser Class according to EN 60825 | 4 | 4 |
| DNRO (m) | 3,19 m | 2,20 m |
| Beam divergence | 35° | 35° |

*on request

LASER (940nm.) 4W- EL.100-LS

LASER (940nm.) 8W- EL.101-LS

LASER (810 & 980nm.) 6W- EL.102-LS

LASER (810 & 980nm.) 12W - EL.103-LS

Frequency can be regulated from 100 to 10.000 Hz.

Automatic energy output calculation in Joules.

32 suggested therapeutic applications. Internal memory with memory capacity of up to 200 programs.

Voltage: 220-240V / 50-60Hz. On request 110-127V / 50-60Hz.

EL.100-LS + EL.101-LS:

Operates with a single wavelength: 940 nm.

Maximum power absorption 70VA.

1 4W power diode (EL.100-LS) or 8W (EL.101-LS).

Memory card reader. Space for 200 more programs in memory.

EL.102-LS + EL.103-LS:

combines 2 wavelengths, 810+980 nm, to be used in combined therapy.

Maximum power absorption 75VA.

1 6W power diode (EL.102-LS) or 12W (EL.103-LS).

USB Key with 4Gb space for programs in memory.

Accessories included VIKARE

EL.100-LS + EL.101-LS:

2 Laser protection goggles

1 Multispot laser probe

1 Smart Card

Accessories included BIPOWER

EL.102-LS + EL.103-LS:

2 Laser protection goggles

1 Laser probe of optical fibre

1 USB Key 4Gb

1 Interlock

1 Pedal protection



EL.102+103



EL.100+101

LASER UNIT MOBILE 25W - EL.104-LS

LASER UNIT DESK 12W - EL.105-LS

32 suggested therapeutic applications. Internal memory with memory capacity of up to 200 programs. USB Key with 4Gb space for programs in memory.

Voltage: 220-240V / 50-60Hz. On request 110-127V / 50-60Hz.

EL.104-LS

Maximum power absorption 280VA.

1 25W power diode.

EL.105-LS

Maximum power absorption 75VA.

1 12W power diode.

Accessories included

EL.104-LS:

- 2 Laser protection goggles
- 1 Defocused Laser probe (detachable)
- 1 USB Key 4Gb
- 1 Interlock
- 1 Pedal protection

Accessories included

EL.105-LS:

- 2 Laser protection goggles
- 1 Defocused Laser probe
- 1 USB Key 4Gb
- 1 Interlock
- 1 Pedal protection



EL.104



EL.105



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High Power Laser (HPLS)

| | EL.102-LS | EL.103-LS | EL.100-LS | EL.101-LS | EL.104-LS | EL.105-LS |
|---------------------------------------|---|---|---|--|---|---|
| Line |  |  |  |  |  |  |
| Wavelength | Double 810+980 nm | Double 810+980 nm | 940 nm | 940 nm | 1064 nm | 1064 nm |
| Maximum power | 6 W | 12 W | 4 W | 8 W | 25 W | 12 W |
| Display | Colour Touch Screen 8' | Colour Touch Screen 8' | Colour Touch Screen 6' | Colour Touch Screen 6' | Colour Touch Screen 8' | Colour Touch Screen 8' |
| Stored Protocols | 32 | 32 | 32 | 32 | 32 | 32 |
| Protocols stored on USB key | X | X | - | - | X | X |
| Protocols stored on Smart Card | - | - | 200 | 200 | - | - |

Supplied accessories

| | EL.102 | EL.103 | EL.100 | EL.101 | EL.104 | EL.105 |
|--|--------|--------|--------|--------|--------|--------|
| Defocused laser probe with optical fibre, 4 spot sizes | 1 | 1 | 1 | 1 | 1 | 1 |
| Laser protective goggles | 2 | 2 | 2 | 2 | 2 | 2 |
| Pedal | X | X | X | X | X | X |
| Interlock | 1 | 1 | 1 | 1 | 1 | 1 |
| Smart Card | - | - | X | X | X | X |
| USB key | X | X | - | - | X | X |
| DVD User's Manual | X | X | X | X | X | X |

Optional accessories

| | CODE |
|--|-------------|
| Defocused laser probe with optical fibre, 4 spot sizes | ACC1274 |
| Transport bag in tnt fabric | CONT72 |
| 3-shelf trolley | ACC604 |
| USB key 4GB EME | ACC1317/2/E |
| Laser protective goggles YG3 | ACC954 |
| Pedal | ACC1514 |

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| Backlit LCD display to view and check the operating parameters | Graphic colour LCD 6" Touch screen | Graphic colour LCD 6" Touch screen | Graphic colour LCD 8" Touch screen | Graphic colour LCD 8" Touch screen |
| Maximum power | 4W | 8W | 6W | 12W |
| Configuration of the laser probe | Integral connection with the machine | Integral connection with the machine | Integral connection with the machine | Integral connection with the machine |
| Emission wavelength laser diode | 940 nm | 940 nm | 810 + 980 nm | 810 + 980 nm |
| Laser Classification | 4 | 4 | 4 | 4 |
| DNRO (m) | 1,215 | 1,721 | 2,100 | 2,986 |
| Emission frequency | 100 – 10000 Hz | 100 – 10000 Hz | 100 – 10000 Hz | 100 – 10000 Hz |
| Pulsed mode | 10 - 100% | 10 - 100% | 10 - 100% | 10 - 100% |
| Classification according to Directive 93/42/EEC | IIB | IIB | IIB | IIB |
| Output channels | 1 | 1 | 1 | 1 |
| Insulation class / parts applied in accordance with EN 60601-1 | I/BF | I/BF | I/BF | I/BF |
| Stored protocols | 32 | 32 | 32 | 32 |
| Storable programs on the internal memory | 200 | 200 | 200 | 200 |
| Storable programs on the Smart Card | 200 | 200 | | |
| Storable programs on the USB | | | 4 Gb | 4 Gb |
| Weight | 4,65 Kg | 4,65 Kg | 4,90 Kg | 4,90 Kg |
| Transportable desktop container Size | 39 x 17,5 x 28 cm | 39 x 17,5 x 28 cm | 39 x 17,5 x 28 cm | 39 x 17,5 x 28 cm |

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| Double delay type (T) mains | 230 Vca - 5 A-T | 230 Vca - 5 A-T |
| Backlit LCD display to view and check the operating parameters | Graphic colour 8" Touch screen | Graphic colour 8" Touch screen |
| Peak power in continuous mode | 25W | 12W |
| Pulse adjustable | 10 - 100% | 10 - 100% |
| Setting emission | 10 - 100% | 10 - 100% |
| Emission | Continuous | Continuous |
| Emission frequency | 0 - 30Hz | 0 - 30Hz |
| Classification according to Directive 93/42/EEC | IIB | IIB |
| Insulation class / parts applied in accordance with EN 60601-1 | I/BF | I/BF |
| Adjustable treatment time | Up to 99 minutes | Up to 99 minutes |
| Output channels | 1 | 1 |
| Stored protocols | 32 | 32 |
| Storable programs on the internal memory | 200 | 200 |
| Storable programs on the USB | 4 Gb | 4 Gb |
| Size | Trolley based 40,6 x 105 x 30 cm | 39 x 17,5 x 28 cm |
| FEATURES LASER SOURCE | | |
| Source type | Nd-Yag | Nd-Yag |
| Peak power in continuous mode | 25W | 12W |
| Wavelength | 1064 nm | 1064 nm |
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| DNRO (m) | 3,19 m | 2,20 m |
| Beam divergence | 35° | 35° |

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