

LASER 1 CANAL (50 PROG.) - EL.43-LS
LASER 2 CANALES (200 PROG.) - EL.44-LS
LASER 1 CANAL (200 PROG.) - EL.45-LS

Frecuencia regulable de 200 a 10.000 Hz. Longitud de onda 905 nm.

Cálculo automático de la energía erogada en Julios.

Cabezal con sensor de contacto automático.

Posibilidad de conectar diversos aplicadores (monodiódicos o pluridiódicos) hasta una potencia máxima de 800 mW.

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

EL.43-LS

1 canal.

50 sugerencias terapéuticas. Memoria interna con 50 programas para memorizar.

EL.44-LS

2 canales independientes. Posibilidad de trabajar con 2 manípulos de diferente potencia y frecuencia.

Lector de tarjeta de memoria. 85 sugerencias terapéuticas. 200 programas memorizados y memoria interna con 200 programas para memorizar.

EL.45-LS

1 canal.

Lector de tarjeta de memoria. 85 sugerencias terapéuticas. 200 programas memorizados y memoria interna con 200 programas para memorizar.

<p>Accesorios incluidos EL.43-LS: 1 sonda 25 mW con sensor de contacto 2 gafas de protección láser 1 Llave de seguridad</p>	<p>Accesorios incluidos EL.44-LS + EL.45-LS: 1 sonda 25 mW con sensor de contacto 2 gafas de protección láser 1 Llave de seguridad 1 Smart Card</p>
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EL.43





EL.44



EL.45

Láserterapia de baja potencia

	EL.45-LS	EL.44-LS	EL.43-LS
Línea			
Longitud de onda	905 nm	905 nm	905 nm
Pantalla	Gráfica de colores 320x240 con Touch & Scroll	Gráfica de colores 320x240 con Touch & Scroll	Gráfica b/n 240x128
Canales de salida	1	2 independienti	1
Frecuencia	De 200 a 10.000 Hz	De 200 a 10.000 Hz	De 200 a 10.000 Hz
Protocolos memorizados	85	85	50
Protocolos memorizables en la memoria interna	200	200	50
Protocolos memorizables con Smart Card	200	200	-

Accesorios en dotación

	EL.45-LS	EL.44-LS	EL.43-LS
Manípulo laser MLA1/25 mW con sensor de contacto	1	1	1
Gafas de protección	2	2	2
Interlock	1	1	1
Smart Card	X	X	-
Manual de uso en DVD	X	X	X
Cable de alimentación	X	X	X
2 Fusibles	X	X	X

Accesorios opcionales

	CODIGO	
Manípulo láser 905 nm - 1 diodo 25 mW	ACC553	MLA1/25
Manípulo láser 905 nm - 1 diodo 100 mW	ACC679	MLA1/100
Manípulo láser 808 nm - 1 diodo 500 mW	ACC680	MLA1/500
Manípulo láser 905 nm - 3 diodos 25 mW (75 mW total)	ACC681	MLA3/75
Manípulo láser 905 nm - 3 diodos 100 mW (300 mW total)	ACC683	MLA3/300
Manípulo láser 905 nm - 5 diodos 25 mW (125 mW total)	ACC684	MLA5/125
Manípulo láser 905 nm - 5 diodos 100 mW (500 mW total)	ACC686	MLA5/500
Manípulo láser 905 nm - 8 diodos 25 mW (200 mW total)	ACC687	MLA8/200
Manípulo láser 905 nm - 8 diodos 100 mW (800 mW total)	ACC689	MLA8/800
Kit para acupuntura láser	ACC691	MLA/ACU
Gafas de protección	ACC062	OLV
Gafas de protección YG3	ACC954	
Lente para Manípulo MLA1	ART2298-V	
Lente para Manípulo MLA3	ART22120	LMC
Lente para Manípulo MLA5-MLA8	ART22125	LMT3
Porta Manípulo MLA5-MLA8	ART22157	
Porta Manípulo MLA1-MLA3	ART2230-MLA1	
Braccio Ortostatico per MLA 1-3-5-8	ACC605/1	
Interlock	ACC539/2	
Maleta vacía en TNT para transporte	CONT72	
Carro con 3 estantes	ACC604	

CARACTERÍSTICAS TÉCNICAS / TECHNICAL SPECIFICATIONS

MODELS	EL.45-LS	EL.44-LS	EL.43-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%*
Double delay type (T) mains	315 mA-T	315 mA-T	315 mA-T
Backlit LCD Display to view and check the operating parameters	Graphic colour - 320 x 240 Pixel Touch & scroll	Graphic colour - 320 x 240 Pixel Touch & scroll	Graphic bw 240x128 Pixel
Length of the Diode laser emission wave	905 nm	905 nm	905 nm
Adjustable treatment time	1-99 minutes	1-99 minutes	1-99 minutes
Adjustable pulse frequency	200 - 10.000 Hz	200 - 10.000 Hz	200 - 10.000 Hz
Pulse duration	100 ns	100 ns	100 ns
Pulsed mode	10 - 100%	10 - 100%	10 - 100%
Output channels	1	2 independent	1
Isolation class	I BF Type	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB	IIB
Laser classification	3B	3B	3B
Stored protocols	85	85	50
Storable protocols on the internal memory	200	200	50
Storable programs on the Smart Card	200	200	
Automatic contact sensor	•	•	•
Possibility to update the software	•	•	
Weight	4 Kg	4 Kg	4 Kg
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm

*on request

LASER 1 CHANNEL (50 PROG.) - EL.43-LS
LASER 2 CHANNELS (200 PROG.) - EL.44-LS
LASER 1 CHANNEL (200 PROG.) - EL.45-LS

Frequency can be regulated from 200 to 10.000 Hz. Wavelength 905 nm.

Automatic energy output calculation in Joules.

Probe with automatic contact sensor.

A range of optional applicators can be connected (monodiode or multi-diode) up to a maximum power output of 800 mW.

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

EL.43-LS

1 channel.

50 suggested therapeutic applications. Internal memory with memory capacity of up to 50 programs.

EL.44-LS

2 independent channels. Ability to work with 2 probes of different power and frequency.

Memory card reader. 85 suggested therapeutic applications. 200 programs stored in memory and space for 200 more programs in memory.

EL.45-LS

1 channel.

Memory card reader. 85 suggested therapeutic applications. 200 programs stored in memory and space for 200 more programs in memory.

Accessories included

EL.43-LS:

- 1 25 mW probe with contact sensor.
- 2 pairs laser protection glasses
- 1 security key

Accessories included

EL.44-LS + EL.45-LS:

- 1 25 mW probe with contact sensor.
- 2 pairs laser protection glasses
- 1 security key
- 1 Smart Card



EL.43






EL.44



EL.45

Low Power Laser (LLLT)

	EL.45-LS	EL.44-LS	EL.43-LS
Line			
Wavelength	905 nm	905 nm	905 nm
Display	Colour Graphic 320x240 with Touch & Scroll	Colour Graphic 320x240 with Touch & Scroll	Graphic b/w 240x128
Output channel	1	2	1
Frequency	200-10.000 Hz	200-10.000 Hz	200 - 10.000 Hz
Stored Protocols	85	85	50
Storable Protocols on internal memory	200	200	50
Storable Protocols on Smart Card	200	200	-

Supplied accessories

	EL.45-LS	EL.44-LS	EL.43-LS
Laser probe MLA1 (25 mW)	1	1	1
Laser goggles	2	2	2
Interlock	1	1	1
Smart Card	X	X	-
DVD User's Manual	X	X	X

Optional accessories

	CODE	
Laser probe (905 nm) with 1 diode of 25 mW + guide light	ACC553	MLA1/25
Laser probe (905 nm) with 1 diode of 100 mW + guide light	ACC679	MLA1/100
Laser probe (808 nm) with 1 diode of 500 mW + guide light	ACC680	MLA1/500
Laser probe with 3 diodes of 25 mW (75 mW in total) + guide light	ACC681	MLA3/75
Laser probe with 3 diodes of 100 mW (300 mW in total) + guide light	ACC683	MLA3/300
Laser probe with 5 diodes of 25 mW (125 mW in total) + guide light	ACC684	MLA5/125
Laser probe with 5 diodes of 100 mW (500 mW in total) + guide light	ACC686	MLA5/500
Laser probe with 8 diodes of 25 mW (200 mW in total) + guide light	ACC687	MLA8/200
Laser probe with 8 diodes of 100 mW (800 mW in total) + guide light	ACC689	MLA8/800
Kit for laser acupuncture composed of laser probe with 1 diode of 25mw with special focusing lens	ACC691	MLA/ACU
Laser protective goggles	ACC062	OLV
Laser protective goggles model YG3	ACC954	
Round lens for MLA1	ACC601	
Conical lens for MLA ACU	ACC600	LMT
Round lens for MLA3	ART2212 0	LMC
Round lens for MLA5 / 8	ART2212 5	LMT3
Probe holder for MLA5 /MLA8	ART2215 7	
Probe holder for MLA1 / MLA3	ART2230	MLA1
Orthostatic arm for MLA 1-3-5-8	ACC605/1	
Interlock	ACC539/2	
Transport bag in tnt fabric	CONT72	
3-shelf trolley	ACC604	

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Storable programs on the Smart Card	200	200	
Automatic contact sensor	•	•	•
Possibility to update the software	•	•	
Weight	4 Kg	4 Kg	4 Kg
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