ULTRASONIDOS 2 CANALES (200 PROG.) – EL.29-UT
ULTRASONIDOS 1 CANAL (200 PROG.) – EL.30-UT
ULTRASONIDOS 1 CANAL (50 PROG.) – EL.31-UT

Cabezal multifrecuencia 1/3 Mhz con control de contacto e impermeable para tratamientos debajo del agua.
Potencia de salida 0-2 Wcm² en modo continuo y de 0-3 Wcm² en modo pulsátil.
Modelos EL.29-UT y EL.30-UT con posibilidad de conectar el equipo a los equipos de electroterapia EL.19 + El.20 + EL.22-EL para aplicaciones combinadas.
Modelo EL.31-UT con posibilidad de conectar el equipo al equipo de electroterapia EL.18 para aplicaciones combinadas.
Voltaje: 220-240V/50-60Hz. Bajo pedido 110-127V/50-60Hz.

EL.29-UT y EL.30-UT
Lector de tarjeta de memoria. 200 programas memorizados y 200 programas libres en cada tarjeta.
EL.31-UT
Lector de tarjeta de memoria. 50 programas memorizados y 50 programas libres en cada tarjeta.

Accesorios incluidos **EL.29-UT:** 2 cabezales (1/3 Mhz) con área emisora de 5cm² con sensor de contacto. 1 Smart Card	**Accesorios incluidos** **EL.30-UT:** 1 cabezal (1/3 Mhz) con área emisora de 5cm² con sensor de contacto. 1 Smart Card	**Accesorios incluidos** **EL.31-UT:** 1 cabezal (1/3 Mhz) con área emisora de 5cm² con sensor de contacto.

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EL.29

EL.30

EL.31

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ISO 9001 SGS Nº ES13/15113
ISO 13485 SGS NºES13/15114

	EL.30-UT	EL.29-UT	EL.31-UT
Linea			
Pantalla	Gráfico a color 320x240 Touch & Scroll	Gráfico a color 320x240 Touch & Scroll	Gráfico b/n 240x128
Canales de salida	1	2 indipendientes	1
Frequencia	1/3 Mhz	1/3 Mhz	1/3 Mhz
Potencia de pico pulsada	1-3 W para cm^2	1-3 W para cm^2	1-3 W para cm^2
Potencia de pico continua	1-2 W para cm^2	1-2 W para cm^2	1-2 W para cm^2
Protocolos memorizados	63	63	43
Protocolos memorizables en la memoria interna	200	200	50
Protocolos memorizables con Smart Card	200	200	-

Accesorios en dotación

	EL.30-UT	EL.29-UT	EL.31-UT
Manípulo ultrasonidos TV5 a 1/3 mhz, área de emisión de 5 cm^2	1	2	1
Smart Card	1	1	-
Manual de uso en DVD	X	X	X
Cable de alimentación	X	X	X
2 Fusibles	X	X	X

Accesorios opcionales

	CODIGO
Manípulo ultrasonidos TV1 a 1/3 mhz, área de emisión de 1 cm^2	ACC943/1
Manípulo ultrasonidos TV3 a 1/3 mhz, área de emisión de 3 cm^2	ACC943/3
Manípulo ultrasonidos TV5 a 1/3 mhz, área de emisión de 5 cm^2	ACC943
Manípulo ultrasonidos TV8 a 1/3 mhz, área de emisión de 8 cm^2	ACC943/8
Brazo ortostático TV 1-3-5-8	ACC605
Cable link para conexión de la electroterapia/ultrasonidos para tratamientos combinados	ACC624
Llave USB 4 GB	ACC1317/2/E
Maleta vacía en TNT para trasporte	CONT72
Carro con 3 estantes	ACC604
Gel 260 ml	ACC917
Gel 1000 ml	ACC918
Bolsa de gel 5000 ml	ACC919

CARACTERÍSTICAS TÉCNICAS / TECHNICAL SPECIFICATIONS

MODELS	EL.30-UT	EL.29-UT	EL.31-UT
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%*	230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%*
Maximum main power absorption	40 VA	70 VA	40 VA
Fuses	2 x 630 mA-T	2 x 630 mA-T	2 x 630 mA-T
Backlit LCD display to view and check the operating parameters	Graphic colour 320x240 Pixel Touch & Scroll	Graphic colour 320x240 Pixel Touch & Scroll	Graphic bw 240x128 Pixel
Adjustable treatment time	1-30 minutes	1-30 minutes	1-30 minutes
Operation frequency	1/3 MHz	1/3 MHz	1/3 MHz
Isolation class	I BF Type	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB	IIB
Degree of protectioni from liquids	IPX0	IPX0	IPX0
Probe	IPX4	IPX4	IPX4
Output channels	1	2 independent	1
Peak power in continuous mode	2 W / cm^2 ± 20%	2 W / cm^2 ± 20%	2 W / cm^2 ± 20%
Peak power in pulsed mode	3 W / cm^2 ± 20%	3 W / cm^2 ± 20%	3 W / cm^2 ± 20%
Duty cycle	10% - 100%	10% - 100%	10% - 100%
Stored protocols	63	63	43
Storable programs on the internal memory	200	200	50
Storable programs on the Smart Card	200	200	
Automatic contact sensor	•	•	•
Automatic probe recognition	•	•	•
Low BNR selfcalibrating probe	•	•	•
Water resistant probe	•	•	•
Possibility to update the software	•	•	
External connection	•	•	•
Weight	3,6 Kg	4 Kg	3,6 Kg
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm

*on request

ULTRASOUND UNIT 2 CHANNELS (200 PROG.) – EL.29-UT
ULTRASOUND UNIT 1 CHANNEL (200 PROG.) – EL.30-UT
ULTRASOUND UNIT 1 CHANNEL (50 PROG.) – EL.31-UT

Multi-frequency head operates at 1.3 MHz with contact control, waterproof for administering treatments under water.
Output of 0-2 Wcm² in continuous mode and 0-3 Wcm² in pulse mode.
Models EL.29-UT and EL.30-UT: Option to connect the unit to electro-therapy units EL.19-EL, EL.20-EL and EL.22-EL for combined applications.
Model EL.31-UT: Option to connect the unit to electro-therapy unit EL.18-EL for combined applications.
Voltage: 220-240V / 50-60Hz. On request 110-127V / 50-60Hz.

EL.29-UT y EL.30-UT
Memory card reader. 200 programs in memory + 200 free programs on each card.
EL.31-UT
Memory card reader. 50 programs in memory + 50 free programs on each card.

Accessories included **EL.29-UT:** 2 head (1.3 MHz) with an emitter area of 5cm² with contact sensor. 1 Smart Card	**Accessories included** **EL.30-UT:** 1 head (1.3 MHz) with an emitter area of 5cm² with contact sensor. 1 Smart Card	**Accessories included** **EL.31-UT:** 1 head (1.3 MHz) with an emitter area of 5cm² with contact sensor.

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EL.29

EL.30

EL.31

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ISO 9001 SGS Nº ES13/15113
ISO 13485 SGS Nº ES13/15114

Ultrasound

	EL.30-UT	EL.29-UT	EL.31-UT
Line			
Display	Graphic color screen 320x240 px Touch & Scroll	Graphic color screen 320x240 px Touch & Scroll	Graphic b/w 240x128
Output channels	1	2 indipendent	1
Frequency	1/3 Mhz	1/3 Mhz	1/3 Mhz
Continuous peak power	2 W / cm2 ± 20%	2 W / cm2 ± 20%	2 W / cm2 ± 20%
Pulsed peak power	3 W / cm2 ± 20%	3 W / cm2 ± 20%	3 W / cm2 ± 20%
Stored Protocols	63	63	43
Storable programs on the internal memory	200	200	50
Storable Programs on the Smart Card	200	200	-

Supplied accessories

	EL.30-UT	EL.29-UT	EL.31-UT
Probe 1/3 MHz, 5 cm2	1	2	1
Smart Card	1	1	-
User manual in DVD	X	X	X

Optional accessories

	CODE
TV5 ultrasound probe 1/3 MHz, emitting area 5 cm2	ACC940
TV1 ultrasound probe 1/3 MHz, emitting area 1 cm2	ACC940/1
TV3 ultrasound probe 1/3 MHz, emitting area 3 cm2	ACC940/3
TV8 ultrasound probe 1/3 MHz, emitting area 8 cm2	ACC940/8
Orthostatic arm	ACC605
Link cable for combined use of electrotherapy / ultrasound	ACC624
Usb key	ACC1317/2/E
Transport bag in tnt fabric	CONT72
3-shelf trolley	ACC604
Gel 260 ml	ACC917
Gel 1000 ml	ACC918
Gel canister 5000 ml	ACC919

CARACTERÍSTICAS TÉCNICAS / TECHNICAL SPECIFICATIONS

MODELS	EL.30-UT	EL.29-UT	EL.31-UT
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%*	230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%*
Maximum main power absorption	40 VA	70 VA	40 VA
Fuses	2 x 630 mA-T	2 x 630 mA-T	2 x 630 mA-T
Backlit LCD display to view and check the operating parameters	Graphic colour 320x240 Pixel Touch & Scroll	Graphic colour 320x240 Pixel Touch & Scroll	Graphic bw 240x128 Pixel
Adjustable treatment time	1-30 minutes	1-30 minutes	1-30 minutes
Operation frequency	1/3 MHz	1/3 MHz	1/3 MHz
Isolation class	I BF Type	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB	IIB
Degree of protectioni from liquids	IPX0	IPX0	IPX0
Probe	IPX4	IPX4	IPX4
Output channels	1	2 independent	1
Peak power in continuous mode	2 W / cm^2 ± 20%	2 W / cm^2 ± 20%	2 W / cm^2 ± 20%
Peak power in pulsed mode	3 W / cm^2 ± 20%	3 W / cm^2 ± 20%	3 W / cm^2 ± 20%
Duty cycle	10% - 100%	10% - 100%	10% - 100%
Stored protocols	63	63	43
Storable programs on the internal memory	200	200	50
Storable programs on the Smart Card	200	200	
Automatic contact sensor	•	•	•
Automatic probe recognition	•	•	•
Low BNR selfcalibrating probe	•	•	•
Water resistant probe	•	•	•
Possibility to update the software	•	•	
External connection	•	•	•
Weight	3,6 Kg	4 Kg	3,6 Kg
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm

*on request