Combined therapy

The combined therapy devices allow maximum flexibility of use thanks to 3 different modes: ultrasound therapy (1 Mhz - 3 Mhz), electrotherapy and combined ultrasound-electro therapy usage. The combined therapy takes advantage of the therapeutic effects of both techniques, giving us a compact, inclusive device, easily adaptable for a great set of therapeutic protocols.

Combined therapy

EL12059 KOMBY

Equipment for combined therapy - one channel for 1/3 MHz ultrasound therapy and electro therapy with 2 independent channels and 24 wave forms. In ultrasound therapy, a sensor allows the energy to be supplied only when there is contact with the patient, sending the operator a visual and auditory feedback. In electrotherapy, instead, the microcontrollers to the power boards verify in real time that the selected current is deliver correctly and report any possible anomalies.



















TECHNICAL FEATURES		100	25	100
Mains power supply: 115 Vac, 50-60Hz, ±10% (on request) Maximum power absorbed from the mains: 65 VA LCD display BW 320 x 240 pixels Classification directive 93/42/EEC: II B Insulation class EN 60601-1 standard: I / BF Degree of protection against input of liquids EN 60601-1 standard: IPX0 Dimensions 39 x 13 x 32 cm Weight 4.60 Kg ELECTROTHERAPY THERAPY Programmable treatment time Up to 60 minutes Operation Low frequency, Medium frequency Waveforms 25 Storable protocols in the user memory 100 Storable curve I/t in the user memory 100 Storable protocols in the smart-card 50 Storable curve I/t in the smart-card 20 Output channels 2 independent ULTRASUOND THERAPY Programmable treatment time Up to 30 minutes Emission Frequency 1 MHz and 3 MHz Adjustable Duty-Cycle 10% - 1000 Hz Continue peak power 2 W / cm² ± 20% Storable protocols in the user mem	TECHNICAL FEATURES			
Maximum power absorbed from the mains:				230 Vac, 50-60Hz, ±10%
LCD display	Mains power supply:			,
Classification directive 93/42/EEC: II B Insulation class EN 60601-1 standard: I / BF Degree of protection against input of liquids EN 60601-1 standard: IPX0 Dimensions 39 x 13 x 32 cm Weight 4.60 Kg ELECTROTHERAPY THERAPY Programmable treatment time Up to 60 minutes Operation Low frequency, Medium frequency Waveforms 25 Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the user memory 100 Storable curve I/t in the smart-card 50 Storable curve I/t in the smart-card 2 independent ULTRASUOND THERAPY Programmable treatment time Up to 30 minutes Emission Frequency 1 MHz and 3 MHz Adjustable Duty-Cycle 10% - 100% Duty-Cycle adjustable frequency (10 - 100) Hz Continue peak power 2 W / cm² ± 20% Storable protocols in the user memory 100 Storable protocols in the user memory 100 Storable protocols in the u	Maximum power absorbed from the mains:			65 VA
Insulation class EN 60601-1 standard:	LCD display			B/W 320 x 240 pixels
Degree of protection against input of liquids EN 60601-1 standard: IPX0	Classification directive 93/42/EEC:			II B
Dimensions 39 x 13 x 32 cm	Insulation class EN 60601-1 standard:			I / BF
Veright Section Sect	Degree of protection against input of liquids EN 60601-	1 standar	d:	IPX0
Programmable treatment time Up to 60 minutes Operation Low frequency, Medium frequency Waveforms 25 Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the user memory 100 Storable protocols in the smart-card 50 Storable protocols in the smart-card 20 Output channels 2 independent ULTRASUOND THERAPY Programmable treatment time Up to 30 minutes Emission Frequency 10% - 100% Duty-Cycle adjustable Duty-Cycle 10% - 100% Duty-Cycle adjustable frequency (10 – 100) Hz Continue peak power 2 W / cm² ± 20% Storable protocols in the user memory 100 Storable curve I/t in the smart-card 50 Output channels 25 Storable protocols in the user memory 100 Storable curve I/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Low frequency Medium frequency Medium frequency Stored protocols 20	Dimensions			39 x 13 x 32 cm
Programmable treatment time	Weight			4.60 Kg
Operation Low frequency, Medium frequency Waveforms 25 Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the user memory 50 Storable curve I/t in the smart-card 20 Output channels 2 independent ULTRASUOND THERAPY Programmable treatment time Up to 30 minutes Emission Frequency 1 MHz and 3 MHz Adjustable Duty-Cycle 10% - 100% Duty-Cycle adjustable frequency (10 - 100) Hz Continue peak power 2 W / cm² ± 20% Pulsed peak power 3 W / cm² ± 20% Stored protocols 25 Storable protocols in the user memory 100 Storable protocols in the user memory 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Current type Medium frequency Stored protocols 20	ELECTROTH	IERAPY TH	HERAPY	
Waveforms 25	Programmable treatment time			Up to 60 minutes
Stored protocols 25	Operation			Low frequency, Medium frequency
Storable protocols in the user memory 100	Waveforms			25
Storable curve I/t in the user memory 100	Stored protocols			25
Storable protocols in the smart-card 50	Storable protocols in the user memory		100	
Storable curve l/t in the smart-card 20	Storable curve I/t in the user memory			100
Output channels ULTRASUOND THERAPY Programmable treatment time Up to 30 minutes Emission Frequency 1 MHz and 3 MHz Adjustable Duty-Cycle 10% - 100% Duty-Cycle adjustable frequency (10 - 100) Hz Continue peak power 2 W / cm² ± 20% Pulsed peak power 3 W / cm² ± 20% Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Low frequency Medium frequency Stored protocols 20	-		50	
Programmable treatment time Up to 30 minutes Emission Frequency Adjustable Duty-Cycle Duty-Cycle adjustable frequency Continue peak power Pulsed peak power 2 W / cm² ± 20% Stored protocols Storable protocols in the user memory Storable curve l/t in the smart-card Output channels COMBINED THERAPY Programmable treatment time: Up to 99 minutes Low frequency Medium frequency Stored protocols Stored protocols 20	Storable curve I/t in the smart-card			20
Programmable treatment time Emission Frequency 1 MHz and 3 MHz Adjustable Duty-Cycle 10% - 100% Duty-Cycle adjustable frequency (10 - 100) Hz Continue peak power 2 W / cm² ± 20% Pulsed peak power 3 W / cm² ± 20% Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Low frequency Medium frequency Stored protocols 20	Output channels			2 independent
Emission Frequency	ULTRASU	OND THEF	RAPY	
Adjustable Duty-Cycle 10% - 100% Duty-Cycle adjustable frequency (10 - 100) Hz Continue peak power 2 W / cm² ± 20% Pulsed peak power 3 W / cm² ± 20% Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Low frequency Low frequency Medium frequency Stored protocols	Programmable treatment time			Up to 30 minutes
Duty-Cycle adjustable frequency Continue peak power 2 W / cm² ± 20% Pulsed peak power 3 W / cm² ± 20% Stored protocols 25 Storable protocols in the user memory 100 Storable curve l/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Low frequency Medium frequency Stored protocols 20	Emission Frequency			1 MHz and 3 MHz
Continue peak power $2 \text{ W / cm}^2 \pm 20\%$ Pulsed peak power $3 \text{ W / cm}^2 \pm 20\%$ Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Current type Low frequency Medium frequency Stored protocols 20	Adjustable Duty-Cycle			10% - 100%
Pulsed peak power 3 W / cm² ± 20% Stored protocols 25 Storable protocols in the user memory 100 Storable curve I/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Current type Low frequency Medium frequency Stored protocols 20	Duty-Cycle adjustable frequency			(10 – 100) Hz
Stored protocols 25	Continue peak power			2 W / cm ² ± 20%
Storable protocols in the user memory 100			3 W / cm ² ± 20%	
Storable curve I/t in the smart-card 50 Output channels 1 COMBINED THERAPY Programmable treatment time: Up to 99 minutes Current type Low frequency Medium frequency Stored protocols 20			25	
Output channels COMBINED THERAPY Programmable treatment time: Up to 99 minutes Low frequency Medium frequency Stored protocols 20	Storable protocols in the user memory		100	
COMBINED THERAPY Programmable treatment time: Current type Current protocols Up to 99 minutes Low frequency Medium frequency 20			50	
Programmable treatment time: Current type Up to 99 minutes Low frequency Medium frequency Stored protocols 20	Output channels			1
Current type Low frequency Medium frequency Stored protocols 20	COMBIN	IED THERA	APY	
Current type Medium frequency Stored protocols 20	Programmable treatment time:			Up to 99 minutes
Stored protocols 20	Current tune			Low frequency
	сипені туре			Medium frequency
Output channels 2 independent	Stored protocols			20
	Output channels			2 independent

Standard Accessories	Q.TY
Power cable	1
Fuses	2
Manual of therapies	1
Electrodes 6x8 cm	4
Electrodes 5x5 cm	4
Electrode sponges 7x6 cm	4
Electrode sponges 7x11 cm	4
Elastic band 100x3 cm	2
Elastic band 60x3 cm	2
Handpiece 1/3 MHz 5 cm ²	1
Electro therapy output cable	1
Smart card	1

Optional Accessories			
EL0001	PERSONAL SMART CARD		
EL0009	SPONGES CM 7X6		
EL0010	SPONGES CM 7X11		
EL0011	ELECTRODES CM 5X5		
EL0012	ELECTRODES CM 6X8		
EL0015	OUTPUT CABLE		
EL0016	CARRY CASE		
EL0017	HANDPIECE CM ² 1		
EL0018	HANDPIECE CM ² 3		
EL0019	HANDPIECE CM ² 5		
EL0020	HANDPIECE CM ² 8		
EL0021	SONIC ARM		
EL0022	SONIC ARM P		
EL0023	CONTACT GEL		
EL0024	GEL CANISTER		
EL0025	DISPENSER		
EL0082	LINK CABLE		
EL0159	MANUAL STIMULATION HANDPIECE		
EL12003	TROLLEY		
EL12004	VACUUM THERAPY		
EL12005	UROLOGY PROGRAM KIT		
EL13009	SPONGES 7X6 CM		
EL13010	SPONGES 7X11 CM		
	ELECTRODES 5 X 5 CM		
	ELECTRODES 6 X 8 CM		
	ELASTIC STRAPS SET		
	ELASTIC STRAPS SET		
AC0665	ELASTIC BAND CM 60		

AC0667 ELASTIC BAND CM 100

Combined therapy

EL12058 KOMBY BASIC

Equipment for combined therapy - one channel for 1/3 MHz ultrasound therapy and electro therapy with 2 independent channels and 23 wave forms. In ultrasound therapy, a sensor allows the energy to be supplied only when there is contact with the patient, sending the operator a visual and auditory feedback. In electrotherapy, instead, the microcontrollers to the power boards verify in real time that the selected current is deliver correctly and report any possible anomalies.















VV	

TECHNICAL FEATURES	
	230 Vac, 50-60Hz, ±10%
Mains power supply:	115 Vac, 50-60Hz, ±10% (on request)
Maximum power absorbed from the mains:	60 VA
LCD display	B/W 240 x 64 pixels
Protocols storable in the user memory	50
Classification directive 93/42/EEC:	II B
Insulation class EN 60601-1 standard:	I / BF
Degree of protection against input of liquids EN 60601-1 standard:	IPX0
Dimensions	39 x 13 x 32 cm
Weight	4.60 Kg
ELECTROTHERAPY THERAPY	
Programmable treatment time	Up to 60 minutes

eight 4.60 Kg	
ELECTROTHERAPY THERAPY	
Programmable treatment time	Up to 60 minutes
Operation Low frequency, Medium frequency	
Waveforms typology	Continuous / Pulsed
Waveforms	25
Stored protocols	10
Output channels	2 independent
ULTRASUOND THERAPY	
Programmable treatment time	Up to 30 minutes
Emission Frequency	1 MHz and 3 MHz
Adjustable Duty-Cycle	10% - 100%

rogrammable treatment time	Up to 30 minutes
mission Frequency	1 MHz and 3 MHz
djustable Duty-Cycle	10% - 100%
uty-Cycle frequency	2 Hz
ontinue peak power	2 W / cm ² ± 20%
ulsed peak power	$3 \text{ W} / \text{cm}^2 \pm 20\%$
tored protocols	10
utput channels	1

Standard Accessories	Q.TY
Power cable	1
Fuses	2
Manual of therapies	1
Electrodes 6x8 cm	4
Electrodes 5x5 cm	4
Electrode sponges 7x6 cm	4
Electrode sponges 7x11 cm	4
Elastic band 100x3 cm	2
Elastic band 60x3 cm	2
Electro therapy output cable	1
Sensor contact	1
Handpiece 1/3 MHz 5 cm ²	1



Optional Accessories

Ohiio	1141 / (6603301103		
EL0009	SPONGES CM 7X6	EL0021	SONIC ARM
EL0010	SPONGES CM 7X11	EL0022	SONIC ARM P
EL0011	ELECTRODES CM 5X5	EL0023	CONTACT GEL
EL0012	ELECTRODES CM 6X8	EL0024	GEL CANISTER
EL0015	OUTPUT CABLE	EL0025	DISPENSER
EL0016	CARRY CASE	EL0082	LINK CABLE
EL0017	HANDPIECE CM ² 1	EL0159	MANUAL STIMULATION HANDPIECE
EL0018	HANDPIECE CM ² 3	EL12003	TROLLEY
EL0019	HANDPIECE CM ² 5	EL12004	VACUUM THERAPY
EL0020	HANDPIECE CM ² 8	EL12005	UROLOGY PROGRAM KIT

EL13009	SPONGES 7 X 6 CM
EL13010	SPONGES 7 X 11 CM
EL13011	ELECTRODES 5 X 5 CM
EL13012	ELECTRODES 6 X 8 CM
EL13013	ELASTIC STRAPS SET
EL13014	ELASTIC STRAPS SET
AC0665	ELASTIC BAND CM 60 X 3
AC0667	ELASTIC BAND CM 100 X 3