

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.



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 delivered correctly and report any possible anomalies.



2



CE 0476

TECHNICAL FEATURES

Mains power supply:	230 Vac, 50-60Hz, $\pm 10\%$ 115 Vac, 50-60Hz, $\pm 10\%$ (on request)
Maximum power absorbed from the mains:	65 VA
LCD display	B/W 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
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 curve I/t in the smart-card	20
Output channels	2 independent
ULTRASOUND 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 / cm ² $\pm 20\%$
Pulsed peak power	3 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
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
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
AC0667	ELASTIC BAND CM 100

Combined therapy

EL12058 KOMBY BASIC

Equipment for combined therapy - one channel for 1/3 MHz ultrasound therapy and electrotherapy 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 delivered correctly and report any possible anomalies.



TECHNICAL FEATURES

Mains power supply:	230 Vac, 50-60Hz, $\pm 10\%$ 115 Vac, 50-60Hz, $\pm 10\%$ (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
Operation	Low frequency, Medium frequency
Waveforms typology	Continuous / Pulsed
Waveforms	25
Stored protocols	10
Output channels	2 independent
ULTRASOUND THERAPY	
Programmable treatment time	Up to 30 minutes
Emission Frequency	1 MHz and 3 MHz
Adjustable Duty-Cycle	10% - 100%
Duty-Cycle frequency	2 Hz
Continue peak power	2 W / cm ² $\pm 20\%$
Pulsed peak power	3 W / cm ² $\pm 20\%$
Stored protocols	10
Output 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

EL0009 SPONGES CM 7X6
EL0010 SPONGES CM 7X11
EL0011 ELECTRODES CM 5X5
EL0012 ELECTRODES CM 6X8
EL0015 OUTPUT CABLE
EL0016 CARRY CASE
EL0017 HANDPIECE CM² 1
EL0018 HANDPIECE CM² 3
EL0019 HANDPIECE CM² 5
EL0020 HANDPIECE CM² 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 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