



EN ELECTROMEDICAL LINE

F APPAREILS ÉLECTROMÉDICAUX

ES APARATOS ELECTROMEDICALES

P EQUIPAMENTOS ELETRO-MEDICAIS

EN Unisonic allows a continuous or pulsated emission which can be set at 25, 50, 75 or 100%. The Unisonic device is electronically controlled by a microprocessor and offers memorized programmes. The device is supplied with multi-frequency transducing handle (1 o 3 MHz frequencies can be chosen). The transducing handle can be used only with this device. It means as a personalized component. It can be used also under water (IP67)

F La puissance de sortie du Unisonic peut être continue ou à pulsation avec modulation de 25, 50, 75 ou 100%. L'appareil est complètement géré et contrôlé par un microprocesseur. Possibilité de sélectionner un paramètre ou d'utiliser un des programmes déjà mémorisés. Il est doté d'une tête de traitement (poignée) à multifréquence, de 1 à 3Mhz. Cette poignée en dotation peut être utilisée seulement avec cet appareil, elle est apte au traitement à immersion (IP67)

ES La emisión de Unisonic puede ser continua o pulsada, con modulación seleccionable de 25, 50, 75 y 100%. El equipo es controlado completamente por un microprocesador. Hay la posibilidad de seleccionar un parámetro o de utilizar los programas predefinidos. El aparato incluye un cabezal multifrecuencia de 1 a 3 Mhz. El equipo se puede utilizar solamente con el cabezal en dotación. El cabezal se puede utilizar para tratamientos en inmersión (IP67)

P O modo de emissão pode ser contínuo ou pulsado com modulação de 25, 50, 75 e 100%. O aparelho é completamente controlado por um microprocessador. Possibilidade de selecionar um parâmetro ou de utilizar programas memorizados. O aparelho inclui um transdutor multifrequência de 1 a 3 Mhz, que pode ser utilizado somente nesse aparelho. O transdutor é utilizável para tratamentos a imersão (IP67)



LTE330
UNISONIC
 Italian, English, and French
 incorporated software
 15 pre-set programmes

TECHNICAL FEATURES

Reference Standards and Directives	
Direttiva	93/42/CEE (D.Lgs. 46/97)
Norma Assic. Qualità	UNI EN ISO 9001(2000) UNI CEI EN 13485 (2002)
Norme di Sicurezza	EN60601-1 EN60601-2-10 EN60601-1-2
Specification	
Feeding	230Vac/50Hz
Power consumption	40VA
Internal fuse	T 3,15mA
Output frequency	from 1 to 3,0MHz
Modulation	25-50-75-100%
Wave form	Continuous or modulated
Modulation frequency	2 impulses/sec
Treatment time	from 1 to 30 min
Output param. indicator	alphanumeric display
Output indicator	visual
Electric safety class	II BF
Protection level	IP20
Protec. level transducer	IP67
Intensity	2W/cm ²
Beam type	collimated

Era (size of transd.)	5 cm ²
Max power (transducer)	10w
Bnr	5

Correlation Table

Indicated Power	Intensity W/cm ²	Total Power W
10%	0,2	1
20%	0,4	2
30%	0,6	3
40%	0,8	4
50%	1,0	5
60%	1,2	6
70%	1,4	7
80%	1,6	8
90%	1,8	9
100%	2,0	10

Wave form	Continuous	Modulated	Modulated	Modulated
Modulation	100%	75%	50%	25%
Repetition Period (μ/sec)	500	500	500	500
Impulse Duration (μ/sec)	500	375	250	125
Efficiency	1,00	0,75	0,50	0,25

Dimension and weight



L: 270 mm



W: 220 mm



H: 110 mm



1,4 kg

EN STANDARD ACCESSORIES INCLUDED
1 feeding cable 2m, 1 handle, 1 handle support

F ACCESSOIRES EN DOTATION
1 câble réseau de 2m, 1 poignée, 1 porte-poignée

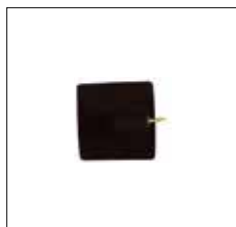
ES ACCESORIOS ESTÁNDAR INCLUIDOS
1 cable de alimentación de 2m, 1 cabezal, 1 soporte para cabezal

P ACESSÓRIOS INCLUSOS
1 cabo de alimentação de 2m, 1 transdutor, 1 suporte para transdutor



Conductive silicone electrodes
 Électrodes en silicone conducteur
 Electrodoos conductivos en silicona
 Eletrodos em silicone condutor

Male jack 2 mm



LTR335
 50x50mm



LTR336
 50x100mm



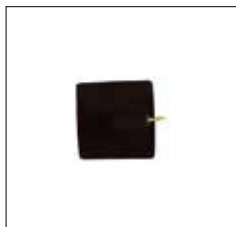
LTR337
 60x85mm



LTR338
 80x120mm

Conductive silicone electrodes
 Électrodes en silicone conducteur
 Electrodoos conductivos en silicona
 Eletrodos em silicone condutor

Male jack 4 mm



LTR331
 50x50mm



LTR332
 50x100mm



LTR333
 60x85mm



LTR334
 80x120mm

Conductive silicone electrodes
 Électrodes en silicone conducteur
 Electrodoos conductivos en silicona
 Eletrodos em silicone condutor

Female jack 4 mm



LTR320
 50x50mm



LTR325
 60x85mm



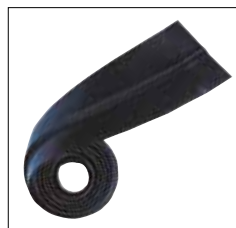
LTR330
 80x120mm

Conductive silicone electrodes
 Électrodes en silicone conducteur
 Electrodoos conductivos en silicona
 Eletrodos em silicone condutor

Skin with hole for 2 mm jack



LTR786
 h50mmx1m



LTR787
 h100mmx1m

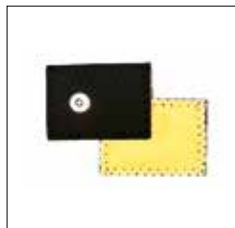
Skin casing with conductive silicone electrodes with clip
 Éponges avec électrodes à clip en silicone conducteur incorporés
 Esponjas con electrodo de clip conductivo de silicona
 Esponja com eletrodo de clip em silicone condutor incorporado



LTR790
35x45mm



LTR791
60x45mm



LTR792
60x80mm



LTR793
80x120mm



LTR794
120x160mm

Single patient self adhesive reusable pregelled electrodes with tissue support and clip
 Électrodes gélifiées réutilisables auto-collantes monopatient en tissu conducteur à clip
 Electrodo con gel reutilizables autoadhesivos monopaciente en tejido conductor con clip
 Eletrodos pré-gelatinizados reutilizáveis auto-adesivos paciente único em tecido condutor ligação por clip



LTR3404
35x45 mm - 4 pcs



LTR3414
45x80 mm - 4 pcs



LTR3415
46x47 mm - 4 pcs



LTR3416
53x96 mm - 4 pcs

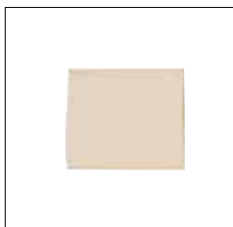
Casing for silicone electrodes
 Éponges pour électrodes en silicone
 Esponjas para electrodos de silicona
 Esponjas para eletrodos em silicone

Imitation buckskin

LATEX FREE



LTR760
60x60mm
Compatible electrode
dimension 50x50 mm
(LTR320, LTR331 e LTR335)



LTR765
70x90mm
Compatible electrode
dimension 60x85 mm
(LTR325, LTR333 e LTR337)



LTR766
60x105mm
Compatible electrode
dimension 50x100 mm
(LTR332 e LTR336)



LTR770
105x135mm
Compatible electrode
dimension 80x100 mm
(LTR330 LTR334 e LTR338)

Casing for silicone electrodes
 Éponges pour électrodes en silicone
 Esponjas para electrodos de silicona
 Esponjas para eletrodos em silicone

Spontex

LATEX FREE



LTR775
75x60mm
Compatible electrode
dimension 50x50 mm
(LTR320, LTR331 e LTR335)



LTR780
85x100mm
Compatible electrode
dimension 60x85 mm
(LTR325, LTR333 e LTR337)



LTR783
75x105mm
Compatible electrode
dimension 50x100 mm
(LTR332 e LTR336)



LTR785
110x140mm
Compatible electrode
dimension 80x100 mm
(LTR330 LTR334 e LTR338)

Plate, glasses, handles

Transducteur plat, lunettes, sondes

Cabezal llano, gafas, cabezales

Transdutor plano, óculos, transdutores



LTR718 140x95mm
Singular plate for
magnetofix 30-80
LTE360-LTE370



LTR735
Protective glasses
for laser



LTR730
Monodiodic handle
1X30W



LTR732
Tridiodic handle 3x12W

Bands to stop the electrodes

Sangles pour électrodes

Banda sujeción electrodos

Faixas para eletrodos



LTR550 3,2x75cm
LTR555 2,4x150cm
Rubber band 1 hole



LTR556 4,5x75cm
LTR557 4,5x150cm
Rubber band 2 hole



LTR195
No-trauma button
for rubber band



LTR560 3x40cm
LTR562 3x80cm
LTR563 3x100cm
Elastic tissue band



LTR565 8x40cm
LTR567 8x80cm
LTR568 8x100cm
Elastic tissue band

Electrode adapters, cables, and electrotherapy outlet dividers

Adaptateur pour électrodes, câbles pour dédoubler les sorties et câbles pour électrothérapie

Adaptadore spara electrodos, cables para desdoblar las salidas y cables para electroterapia

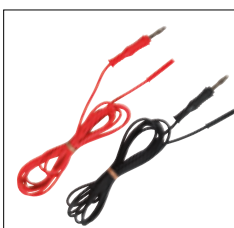
Adaptadores para eletrodos, cabos para desdobrar as saídas e cabos para eletroterapia



LTR221 Red
LTR220 Black
Cable with 4mm male pin



LTR222
Red cable for ELESTIM 2
and LEM FITNESS



LTR225R Red
LTR225N Black
Cable for IONOSTIM and
IONODERM



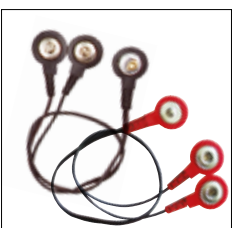
LTR344R Red
LTR344N Black
Male connection clip
adaptor - 4mm



LTR345R Red
LTR345N Black
Female connection clip
adaptor with hole -4mm



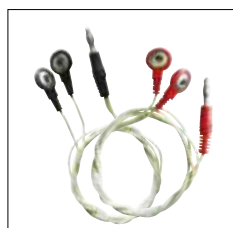
LTR346R Red
LTR346N Black
Female connection clip
adaptor with hole - 2mm



LTR347R Red
LTR347N Black
Outlet divider from male
clip to 2 female clips



LTR348R Red
LTR348N Black
Outlet divider from
2mm female pin to 2
2mm male pins



LTR349R Red
LTR349N Black
Outlet divider from 4mm
male pin to 2 female pins

EN Storage time: these gels don't undergo hydrolysis or oxidation in normal use conditions. A lengthy storage test at about 70°C hasn't caused any alteration of the product

F Durée de stockage: les gels ne sont pas conditionnés à l'hydrolyse ni à l'oxydation aux conditions standards d'utilisation. Un éventuel vieillissement à température autour de 70°C n'altère pas le produit

ES Duración del almacenamiento: en las condiciones normales de utilización los gels no están sometidos a hidrólisis o a oxidación. Un envejecimiento eventual a una temperatura de 70°C no altera el producto

P Duração da estocagem: os gels não são submetidos à hidrólise ou à oxidação nas condições normais de uso. Um eventual envelhecimento à temperatura em torno de 70°C não altera o produto



DRV1800
E.C.G. and TENS gel
 260g dispenser
 Package of 50 pcs
 Carton box of 25 pcs
 Single price



DRV1805
Ultrasound gel
 260g dispenser
 Package of 50 pcs
 Carton box of 100 pcs
 Single price



DRV1806
Ultrasound gel
 1 kg dispenser
 Package of 10 pcs
 Carton box of 15 pcs
 Single price



DRV1807
Ultrasound gel - 5 kg
 260g dispenser to be filled
 Singular packaging
 Carton box of 1 pc
 Single price



DRV1808
Ultrasound gel - 5 kg into soft bag
 260g dispenser to be filled
 Package of 4 bags with 4 dispensers
 and 4 funnels included
 Price for 4 bags