GRANTRIO

ELETTRONICA
PAGANI
ITALY

® All rights reserved

LUXURY CONCEPT

GRAN TRIO

Totally new, the "GRAN TRIO" ultrasound, electro and combined therapy devices, with Opera design software, offer an innovative functional approach, a sophisticated but simple to use, modern interface in shapes and current functions, a large 6,8'' TFT screen and solutions that allow a customized configuration of each device.

All solutions make a useful technology concept, where each solution is used to make each device better in versatility, faster, more intuitive, more effective.

From the manual settings where the operator can immediately set parameters according to his needs and patient's feeling to the suggested pre-programs, passing through the therapy based on the goals to be achieved.

The circle is the "perfect" geometric figure. It is easy and intuitive to move, having always available any key and any function. Each parameter is under control, each action is intuitive and fast.

Combined Multiftrequency Ultrasound and Universal Electrotherapy

Multifrequency 1/3 MHz Ultrasound

Universal 2 outputs electrotherapy device

THE BEST OF ULTRASOUND'S PROPERTIES

Completely new, the 3-BAND ultrasound device is the best into the PAGANI's range of ultrasound therapy devices. Innovative, modern, equipped with solutions to ensure the widest versatility of use and maximum effectiveness thanks above all to the endowment of its technology.

Cavitation in physiotherapy and physio-aesthetic

Cavitation, as a copious mechanic effect coming from acoustic waves delivered into the different patient's cellular layers can be useful both in the rehabilitation field to destroy / modify calcifications over the joints and into the physio-aesthetic field to promote the destabilization of fat cells.

Special programs are available for the treatment of shoulder calcifications, for bone consolidation delays using low level intensity ultrasound waves and long sufficient times for which they have proved to be effective.

The cavitation uses the mechanical / piezoelectric effect of the ultrasound waves and ultrasounds to induce the stimulation of osteogenesis, on the other hand for working over the fat cells for reducing their volume and destabilizing them.

MADE FOR GETTING THE BEST!

TECHNICAL FEATURES

Frequency: 1 & 3 MHz
Emission: Continuous and Pulsed (25%, 50%, 75%)
Modulation: 1 & 3 MHz
Standard ultrasound head: 1/3 MHz 5 cm^2
Timer max. 30 min
Display: touch-screen display
Pre-set programs with body pictures
Therapeutic objectives
Free memories
Maximum intensity: 3 W cm^2; 15 W max
Real-time device with visual and acoustic indication of missing coupling between patient's tissue and ultrasound head
Gel 250 g

On inquiry:

- Ultrasound head 1 MHz static head with securing strap
- Trolley mod. STAR
- Trolley mod. STAR Slim
- Arm with holder for ultrasound static head

2 INDEPENDENT CHANNELS. BEYOND THE USUAL ELECTROTHERAPY DEVICES!

Tens, ionophoresis, diadinamic currents, vertical and horizontal interferentials, electrostimulation of no-innervated muscles, INFINITY is the “electrotherapy device” to be used from each operator.

Electrotherapy drainage

The use of this particular exponential waveform, contributes to improving circulation, accelerates and facilitates venous return, reduces the problems and pain deriving from swelling and edema.

Interferential currents from 2 to 20 kHz with vertical and horizontal adjustment.

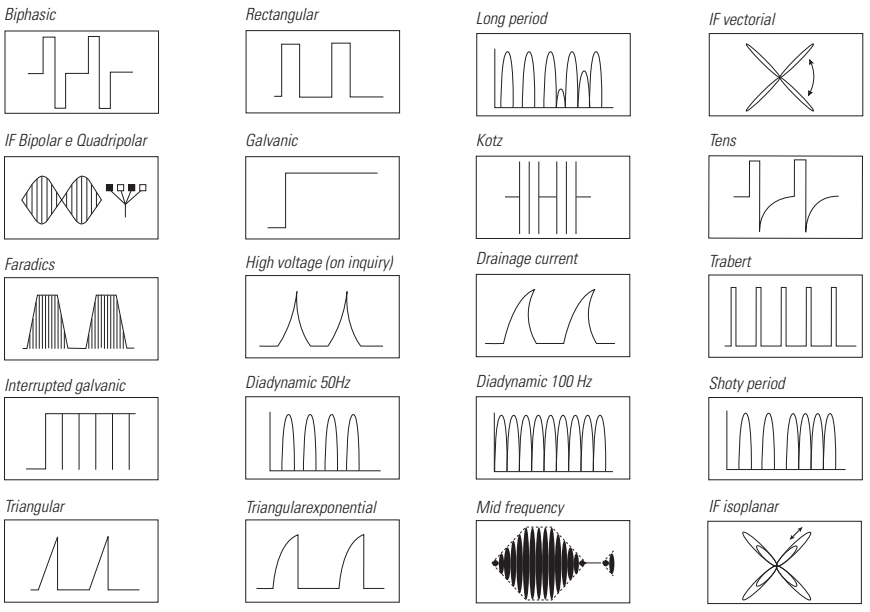
Using horizontal mode, the operator gets the possibility of changing the frequency, keeping the same power. In this way, you can set the same power for granting the best in comfort and changing the frequency treatment with different properties, from pain-relief to anti-edema, from the stimulation due to complex diseases, in which pain is associated with edema and/or inflammation.

Continuous and pulsed vacuum vacuum unit (on demand)

Vacuum can be used to perform specific treatments such as drainage, localized fat or it is used for securing each electrode over the part to be treated into the applications of some forms of electrotherapy (such as interferential currents), in which the effect of hyperemia is combined to the effects of the current itself.

Electro-diagnostic examination and I / T curve

In addition to the widest range of waveforms, it is possible to use (on demand) a proper software allowing automatic calculation and drawing of I/T curve and the relevant parameters such as rehobase, chronassy, etc.



IT'S EASY TO BECOME FAMILIAR IN USING THE BEST SOLUTIONS!

- LENS FIBER TONING
- IMPROVEMENT OF THE PERFORMANCE OF FAST FIBERS
- TREATMENT OF NON-USE ATROPHIES
- CAPILLARIZATION
- ANALGESIC THERAPY TENS
- THERAPY OF CHRONIC AND ACUTE PAIN
- PAIN AND EDEMA WITH IF AND DIADYNAMIC CURRENTS
- TREATMENT OF DENERVED MUSCLES

TECHNICAL FEATURES

Outputs: n. 2, independents into the choice of current and intensity

Maximum intensity: 76.5 mA

Low frequency

Galvanic and interrupted galvanic, diadynamic (50-100 Hz, CP, LP, 50 Hz interrupted and 100 Hz interrupted), rectangular, triangular, biphasic, exponential, Trabert, faradics, drainage

Medium frequency

from 2 to 20 KHz
Bipolar and quadripolar, IF isoplanar, IF vectorial, MF stimulation, Kotz, IF isodynamic

Display: 480x800 pixels: colored touch-screen

Pre-set programs with body pictures

Free Memories

Therapeutic objectives

On request:

- I/T curve with automatic calculations of parameters
- Continuous and pulsed vacuum
- Trolley mod. STAR
- Trolley mod. STAR Slim

WITHOUT ANY COMPROMISE

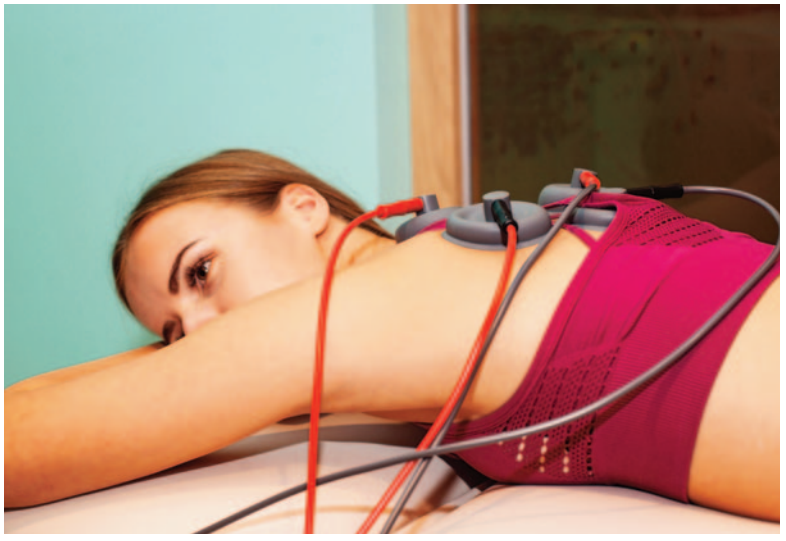
All peculiarities and features of STAR Ultrasound and Electrotherapy have been included into the combined EU device.

This makes X5EU the most versatile combined ultrasound and electrotherapy equipment using Opera Design software.

The multi-frequency ultrasound 1 - 3 MHz and the universal 2-independent channels electro therapy device is offering high quality performances and full therapeutic versatility for granting single functions or combined therapy, combining the effects of the currents to the ultrasounds.

The low and mid frequency currents are delivered on two independent channels both in terms of waveforms and in the dose setting.

EU allows the operator to make all kinds of treatment and advanced software on Windows CE platform allows the use of therapeutic protocols with anatomical maps and free memories for entering a wide range of customized programs.



TECHNICAL FEATURES

Ultrasoundtherapy

Frequency: 1-3 MHz

Emission: continuous and pulsed (from 20 to 80%)

Modulation: 1 to 200 Hz

5cm² multifrequency head for single and combined use

Timer max. 30 min

Intensity max: 3 W cm²

Real-time attesting no-coupling between patient's tissue and us head

Elettrotherapy

Outputs: n. 2

Intensity max.: 76,5 mA

Low frequency:

Galvanic, interrupted galvanic, diadynamics (50-100 Hz, CP, LP, 50 and 100 Hz interrupted), rectangular, exponential, triangular, Biphasic, Trabert, Faradics, drainage current

Mid frequency:

Outputs: 2

Frequency: 2,0 KHz to 20 KHz

IF bipolar, IF quadripolar, IF isoplanar, IF vectorial, MF of stimulation, Kotz, IF horyzontal

Graphic and colored LCD with touch-screen

Pre-set programs with body pictures

Free memories

Therapeutic objective

On inquiry:

- Trolley mod. STAR SLIM
- Trolley mod. STAR
- i/t curve vacuum inside
- 1 MHz static head
- 1 MHz 8 cm large head with strap for static and underwater treatments

Accessories

STAR STANDARD ACCESSORIES

All accessories belonging to STAR come from the same standard in terms of quality and accurancy of the unit itself. Each of them has been designed for making STAR more comfortable and versatile for answering to the requirements of each operator.

Trolley STAR SLIM

Cassyng-case

Trolley STAR

ELETTRONICA
PAGANI
ITALY
tel +39 02 99043903
fax +39 02 99045149
info@elettronicapagani.it