I-TECH UT2 - PROFESSIONAL ULTRASOUND THERAPY



APPLICATIONS

Tendinitis - Bursitis/Capsulitis - Hematomas and tissue reconstruction -Muscle contractures/Cramps - Neuralgias - Periarthritis - Cervicalgias Sciatalgy/Lumbalgy - Carpal tunnel syndrome - Epicondylitis/epitrochleitis -Contusions/sprains - Chondropathy - Massage - Arms/abdomen/legs/gluteus cavitation - Acne

STANDARD ACCESSORIES

1 handle with 5 cm² probe 1 handle with 1 cm² probe

1 power supply cable

1 power supply 15 V, 3 A 1 ultrasound gel User manual: GB, IT, ES, FR

• 28358 I-TECH UT2 ULTRASOUND THERAPY - 2 probes Professional ultrasound device equipped with 2 handles respectively with 5 cm² and 1 cm² probe. Its equipment and parameters setting allow high performance suitable for professional users.

It is provided with 10 preset programmes within which professional user can adjust following parameters:

- Frequency (1 or 3 MHz)
- Effective intensity (up to 3 W/cm²)
- Duty cycle (10% ÷ 100% stepping 10)
- Therapy time (up to 30 minutes)

TECHNICAL SPECIFICATIONS

Operating voltage: 100-240 V, 47/63 Hz, 1.35A, output 15V 3A max

Ultrasound frequency: 1 MHz ± 10% and 3 MHz ±10%

Output power: 0.5-10 W ± 20% when duty cycle ≥ 80% for 5 cm² ultrasound head 0.5-15 W $\pm 20\%$ when duty cycle $\leq 70\%$ for 5 cm² ultrasound head 0.1-2 W $\pm 20\%$ when duty cycle $\geq 80\%$ for 1 cm² ultrasound head

0.1-3 W ±20% when duty cycle ≤ 70% for 1 cm² ultrasound head

Max Power: $3 \text{ W/cm}^2 \pm 20\% (1 \text{ MHz})$; $3 \text{ W/cm}^2 \pm 20\% (3 \text{ MHz})$

Working frequency: 100 Hz

Duty cycle: 10%-100% stepping 10%

Maximum adjustable therapy time 30 minutes

Effective radiating area 5 cm² ± 20%; 1 cm² ±20% Collimated beam type Ultrasound head (material) aluminium

Direct contact and water immersion use

Led indicator Size: 350x186x86 mm

GIMA UT AUTOMATIC: ULTRASOUND THERAPY UNIT



TECHNICAL SPECIFICATIONS

Treatment time: programmable from 1 to 30 minutes Selectable pulse/time%: 10%-20%-30%-50%-100% Pulse frequency: 2 pulses/second Max. intensity: 3 W/cm² Operating voltage: 115/230 V - 50/60 Hz - switchable

Electrical safety class I BF - Norms: EN 60601, EN 60601-2-5

• 28310 GIMA UT AUTOMATIC ultrasound therapy unit without head





Automatic system for ultrasound therapy which can use ultrasound head with oscillation frequency from 1 MHz to 3 MHz. Pulse frequency is 2 pulses/second. Modulation degree is selectable from 10% to 100%, through a digital keyboard. It is provided with digital adjustment of intensity with numeric indication. Maximum output power is: 37.7 W (3 W/cm²). Luminous read-out for distributed power.

Gima UT is recommended for: ultrasound lipoclasia, sports medicine, arthritis, arthrosis, neuralgia and backpain.

Supplied with power cord and user's manual. Made in Italy.

- 28312 1 MHz ULTRASOUND HEAD Ø 60 mm
- 1 MHz frequency is recommended for physiotherapy.
- 28313 3 MHz ÚLTRASOUND HEAD Ø 60 mm
- 3 MHz frequency is recommended for aesthetics.

GIMA UTC 2: COMBINED ULTRASOUND AND ELECTROTHERAPY UNIT

• 28301 GIMA UTC 2 AUTOMATIC

UTC 2 is a programmable driver unit for ultrasound transducers with working frequencies from 1 up to 3 MHz together with 2 channels of electrotherapeutic current. UTC 2 delivers continuous or modulated ultrasound with programmable intensity and delivery time, suitable for thermo therapeutic deep treatment of different pathologic conditions. UTC 2 transducer handpieces can be used under water. UTC 2 delivers Dyadinamic, Faradic, Galvanic, Impulsive, T.E.N.S. and Bipolar electrotherapeutical currents.

- high brightness graphic touchscreen display
- intuitive icons interface
- controls of unit by multifunction knob, keys or touchscreen
- possibility to upgrade
- wide range of preset protocols
- customized programmes
- multi frequency handpieces
- automatic identification of the connected accessory
- continuous or pulsed delivery
- combined with electrotherapy
- sequence of treatment phases planning for each channel
- independent channels
- safety control blocks the output current in case of accidental disconnection of electrodes.
- 6 language software: GB, FR, IT, ES, DE, PT. Made in Italy.
 28302 1-3 MHz ULTRASOUND HEAD Ø 15 mm
- 28303 CONNECTING CABLE for electrotherapy spare
- 28304 CLIP RUBBER ELECTRODES 120x80 mm box of 12 • 28305 CLIP RUBBER ELECTRODES 45x60 mm - box of 12
- 28323 VELCRO ELASTIC BAND 100x8 cm spare

GIMA 28301





TECHNICAL SPECIFICATIONS Max output direct current (mA): 30

Output frequency (MHz): 1.0 to 3.0 Max intensity (W/cmq): 3.0 ET channels: 2

Max output pulse current (mA): 70 Max output voltage (Vdc): 100 Electrical input power (VA): 70 Power supply (Vac/Hz): 90-240 / 50-60

STANDARD ACCESSORIES

1-3 MHz ultrasound head Ø 35 mm

Connecting cable for electrotherapy 1-2 (28303)

4 rubber electrodes 120x80 mm; 4 rubber electrodes 45x60 mm

3 velcro elastic belt: 8x40, 8x60, 8x100 cm Power cable 2 m