

## Gymna Acure 250

*The quality solution for electrolysis*

### The Gymna Acure 250 for Ultrasound-guided Galvanic Electrolysis Therapy and dry-needling

- Offers galvanic electrolysis at mid-level range in  $\mu\text{A}$  intensity
- Releases trigger point tension with 500  $\mu\text{A}$  intensity
- Offers professionals a modern application technique for treatment of soft tissue injuries, in case of absence of desired outcome from other traditional techniques
- Extremely user-friendly full colour touchscreen operation with an intuitive graphical user interface and comprehensive functionality
- Operates with an ergonomic smart handpiece functioning as a remote control: adjustment of desired intensity, start-stop therapy, immediate visual feedback from colour LED-ring
- Offers a patient database for storage of all treatment information and related therapy result graphs. Analysis of this data is key to more successful treatments
- External medical grade power supply allows to operate mains powered as well as with internal rechargeable batteries

The Gymna Acure 250 is especially developed for physiotherapists and acupuncturists at the forefront of education, innovation and unexcelled patient care.

The patient deserves all attention, while the professional needs to work in all safety.



370 300 Gymna Acure 250

## Main characteristics:



Direct therapy key for  $\mu\text{A}$ -level

Direct therapy key for Trigger points

Application protocols via Body Area



Patient database (GDPR-compliant)

Contra indications list

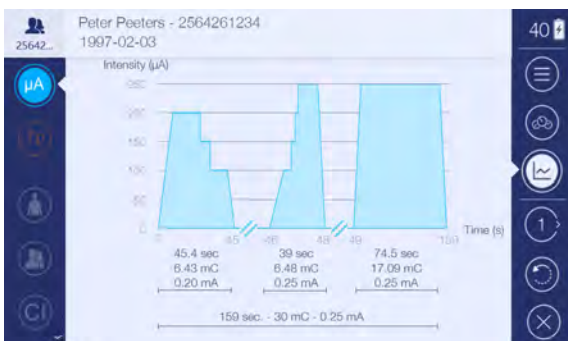
Anatomical library (medical E-book)

System settings (customize your device)



## Graphical user interface characteristics:

- Full colour capacitive touchscreen, 7 inch
- Intuitive graphical user interface
  - Colour guided therapy
  - Use of modern self-explanatory icons and buttons
  - Quick and easy access to all functionalities
  - All settings and adjustments directly on the touchscreen
- Self-explanatory therapy screen
  - Traditional- or in dashboard design
  - Allows easy parameter adjustments
  - Shows therapy result graph of administered charge
  - Visual and auditory feedback (to inform, warn)
- System settings
  - Customization of settings to personalize your Acure
  - Includes accessory testing tool
  - Manage power savings
- Future proof for software updates via USB

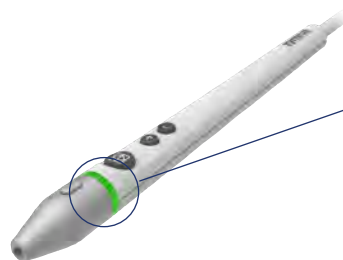


## Patient database:




- To manage patients
- Store treatment sessions linked to a patient
- Store result graph of administered charge
- Supports multiple-sequence treatment
- Access code protected (GDPR compliant)

## Smart handpiece:

- Ergonomic modern design
- Ingenious needle grip/release mechanism
- Supports a one-needle electrode
- Functions as a wired remote control allowing:
  - To Start/Stop the therapy
  - Adjust the intensity with plus & minus button
- Multi-colour LED-ring for visual feedback
- Connector with lock-function



### Coloured LED-ring for visual feedback

-  Correct operation
-  Attention required
-  Failure modes



### **Handpiece holder:**

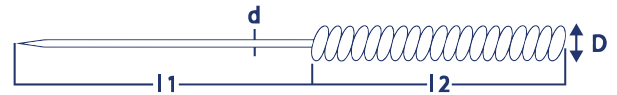
- Magnets allow a secure storage of the handpiece
- Mountable: holder suited for both left and right handed users
- Specifically designed to avoid accidental needle puncture (needle needs to be removed before placement)

### **Acupuncture needle:**



- Purchase acupuncture needles from a local supplier strictly complying with the applicable local legislation
- Only use high quality, single use, sterilized, acupuncture needles
- Needles must have medical CE approval, including Notified Body number
- Needle packaging must state percutaneous electrolysis
- Needle is made of single thread uncoated stainless steel with a braided steel handle without a head

- Dimensions:
  - o Needle diameter (d) 0.30mm <-> 0.35mm
  - o Handle outer diameter (D) 1.25mm <-> 1.45mm
  - o Needle body lengths (l1) 20mm <-> 100mm
  - o Handle length(l2) 25mm <-> 30mm



### **Bracelet electrode:**

- Large sized rubber electrode bracelet
- Rubber electrode, sponge and strap for easy fixation
- Functions as the positive electrode (anode side)

### **Mains and battery operation:**

- Powered with an external medical grade power supply that can remain connected during treatment
- Operates both with mains power and with rechargeable li-ion batteries
- Smart battery management system inside
- Power saving modes



## Galvanic Current:

### General

|                    |                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------|
| Current waveform:  | Direct continuous current (galvanic)                                                    |
| Output stage type: | Constant current source                                                                 |
| Channel:           | 1 Channel for both galvanic electrolysis and dry needling                               |
| Polarity:          | Acupuncture needle is the negative pole                                                 |
| Limitation:        | 150% of the set value at 10% of the maximum range<br>decreasing to 110% of this maximum |
| Accuracy:          | By a load of 500-1000 $\Omega$ the accuracy of the output is $\pm$ 10% of the set value |

### $\mu$ A-level in standard mode

|                 |                              |
|-----------------|------------------------------|
| Range:          | 0 <-> 2500 $\mu$ A           |
| Step size:      | 50 - 100 - 250 - 500 $\mu$ A |
| Treatment time: | 00:00 <-> 30:00 min          |

### $\mu$ A-level in advanced mode

|                           |                                     |
|---------------------------|-------------------------------------|
| Extra specific parameters |                                     |
| Ramp curve time:          | 2 - 4 - 8 seconds (patient comfort) |
| Pre-set intensity:        | 50 <-> 2500 $\mu$ A                 |

$\mu$ A- level supported with, Monitoring the closed patient circuit (using an auxiliary current)  
guided safety precautions: Warning level for the administered charge Q

### TP Trigger points (dry needling)

|                 |                     |
|-----------------|---------------------|
| Range:          | 0 <-> 1000 $\mu$ A  |
| Step size:      | 500 $\mu$ A         |
| Treatment time: | 00:00 <-> 30:00 min |

### Technical device specifications:

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| Languages                    | 7                                                    |
| Mains voltage                | 100-240 V, 50-60 Hz                                  |
| Current rating               | 0.6 A - 0.3 A                                        |
| Maximum power rating         | 24 W                                                 |
| Power supply voltage         | 12 VDC                                               |
| Maximum current rating       | 2 A                                                  |
| Power supply weight          | ~ 0.17 kg                                            |
| Handpiece (wxdxh)            | 175 x 16 x 16 mm                                     |
| Handpiece weight             | ~ 0.060 kg                                           |
| Unit (wxdxh)                 | 210 x 160 x 90 mm                                    |
| Unit weight                  | ~ 0.85 kg                                            |
| Weight incl. accessories     | ~ 1.00 kg                                            |
| Operation mode               | suited for continuous operation                      |
| Electrical safety protection | Class II                                             |
| Applied parts                | Type BF                                              |
| MDR Classification           | Ia                                                   |
| Conformity                   | European Medical Device<br>Regulation (MDR 2017/745) |
| Notified Body                | CE0344                                               |

### Standard accessories

|         |                                                   |
|---------|---------------------------------------------------|
| 370 601 | Acure handpiece                                   |
| 369 018 | Acure handpiece holder                            |
| 329 967 | 1-Pole patient cable; 4mm M to 2 mm F             |
| 340 703 | Rubber electrode brace, size 6cm x 8cm ; 2 mm     |
| 340 681 | Sponge for electrode brace, size 6cm x 8cm (2pcs) |
| 108 935 | Fixation strap, elastic, size 60 cm               |
| 369 148 | Acure circuit test adaptor                        |
| 369 006 | External medical grade power supply               |
| 369 010 | Set of power adaptor sockets for other countries  |
| 369 014 | Rechargeable battery pack 7,4V 5200mAh (li-ion)   |

### Optional accessories

|         |                                                    |
|---------|----------------------------------------------------|
| 340 714 | Rubber electrode brace, size 8cm x 12cm ; 2 mm     |
| 340 692 | Sponge for electrode brace, size 8cm x 12cm (2pcs) |
| 108 934 | Fixation strap, elastic, size 30 cm                |
| 108 936 | Fixation strap, elastic, size 120 cm               |
| 368 005 | Gymna Mobile Fit                                   |
| 368 027 | Gymna Mobile Fit storage tray                      |

### Manuals

|         |                                                     |
|---------|-----------------------------------------------------|
| 370 810 | Acure quick start manual                            |
| 370 822 | Acure activation guide                              |
| 370 814 | Acure safety instructions, multi language           |
| 370 826 | Acure instructions for use in English               |
| 370 818 | USB-stick with instructions for use, multi language |