

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 μA intensity
- Releases trigger point tension with 500 μA intensity
- Offers professionals a modern application technique for treatment of soft tissue injuries, in case of absence of desired outcome from other traditional techniques
- First solution on the market offering full 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:

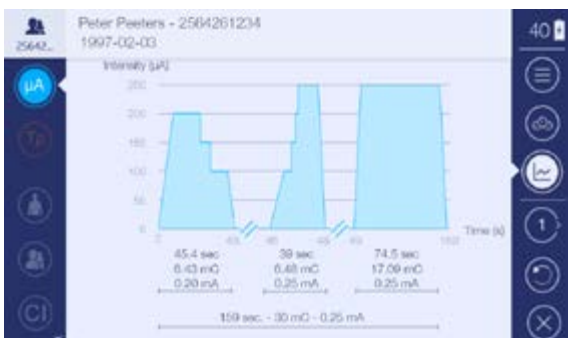
-  Direct therapy key for µA-level
-  Direct therapy key for Trigger points
-  Application protocols via Body Area

-  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

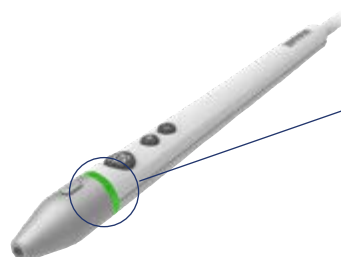


Patient database:




- 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:

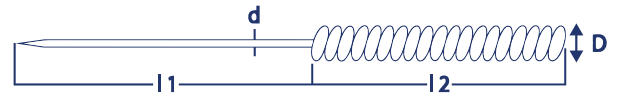
- Magnets allow a secure storage of the handpiece
- Mountable: holder suited for both left and right handed users
- Specifically designed to avoid accidental needle puncture (needle needs to be removed before placement)

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 decreasing to 110% of this maximum
Accuracy:	By a load of 500-1000 Ω the accuracy of the output is \pm 10% of the set value

μ A-level in standard mode

Range:	0 <-> 2500 μ A
Step size:	50 - 100 - 250 - 500 μ A
Treatment time:	00:00 <-> 30:00 min

μ A-level in advanced mode

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

μ 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 μ A
Step size:	500 μ 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
MDD Classification	Ila
Conformity	Directive MDD 93/42/ECC
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
320 804	Gymna mobile

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