

Megasonic 400

Electromyographic measurement with surface electrodes and manometric measurement with a precision probe. We can monitor, evaluate and stimulate all at the same time



Colour graphic display of 5,7"



Feedback display for active exercises



Up to 4 independent outputs



Biofeedback, EMG, Electrostimulator:
Diagnosis and Treatment in a single
highly-accurate and safe device

DESCRIPTION

Two electromyographic and 2 electrostimulation channels: may be used singly or in combination (even with the pressure recorder) to:

- Perform electrostimulation using low frequency currents
- Determine and assess the progression of a muscle or muscle group
- Strengthen a paretic or atrophied muscle
- Re-educate a muscle following a nerve or tendon transplant, or incorrect reinnervation
- Relax a pathological muscle spasm; correct a muscle dysfunction or imbalance

One manometric biofeedback channel:

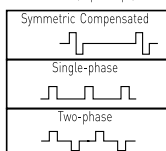
- Evaluate and monitor urinary or faecal incontinence, strengthen the sphincter musculature of the pelvic floor and improve proprioception, eliminate parasitic contractions of other muscle groups, eradicate involuntary contractions of the detrusor muscle during the bladder-filling phase
- Innovative features: Voice instructions for the patient that allow the therapist to be absent during treatment. Fitted with an outlet for earphones to maintain patient privacy
- The screen displays a diagram showing how the electrodes should be placed, how the patient will feel and general notes about the pathology being treated
- The only device on the market with no interference during readings
- Optional external panel that allows the patient and the therapist to see the results of the work (treatment feedback)

TECHNICAL CHARACTERISTICS

- **Mains voltage:** 220 V \pm 10 % (220 V versión)
110 V \pm 10 % (110 V versión)
- **Mains Frequency:** 50 / 60 Hz
- **Max. Power Consumption:** 30 VA
- **Dimensions:** 32 x 32 x 18 cm
- **Display:** 4 kg

CURRENTS

LOW & MEDIUM FREQUENCY
SHORT RECTANGULAR
PULSES (20 μ s-500 μ s)



* Biofeedback (2 EMG and pressure)

APPLICATIONS

- Pareses, hemiplegias, effort incontinence and incontinence due to abdominal hypertony
- Facial paralysis, tendon transposition
- Spasticity, bruxism, tension headache, stress
- Chondromalacia patella, ATM syndromes
- Unstable bladder, detrusor hyperreflexia

TREATMENT MEMORY

- 1 CARIN Treatments: 30 saved electrostimulation treatments and 44 combined biofeedback treatments
- 2 USER Treatments: space for simple and linked treatments. Several simple treatments to be applied in different phases can be combined. Easy to create, modify or delete a treatment

STANDARD ACCESSORIES

11A00SON0002	1 vaginal pressure probe + accessories
11A00CAB0033	2 EMG cables
11A00CAB0024	1 stimulation cable
11A00CAB0025	1 stimulation cable
11A00SON0011	4 silicone electrodes 60 x 80 mm
11A00FUN0006	4 electrode covers 60 x 80 mm
11A00SON0014	4 adhesive electrodes 50 x 50 mm
12A00FUN0002	4 elastic bandage 75 cm
11A00SON0024	1 vaginal electrostimulator
11A00CAB0005	1 A/C cable
	1 User manual / 1 Guarantee

OPTIONAL ACCESSORIES

11A00SON0026	Vaginal electrode Perisize 4+
11A00SON0009	Manual stimulation electrode
11A00ELE0001	Patient cable with button
11A00SON0013	Disposable electrodes 50 x 100 mm
11A00SON0007	30 x 50 silicone electrodes
11A00SON0012	80 x 125 silicone electrodes
11A00FUN0007	30 x 50 electrode covers
11A00FUN0005	80 x 125 electrode covers
12A00FUN0001	40 cm elastic bandage
12E00ACC0001	Megasonic 400 auxiliary panel
3VRI0049	Earphones