

Ultrasound Bone Growth Stimulator

OSTEOTRON III

Sound pressure stimulation by LIPUS (low intensity pulsed ultrasound) accelerates bone formation and bone adhesion even in refractory bone fractures. Therapy for 20 minutes a day reduces the number of days to bone adhesion. Two-channel output dramatically increases therapeutic efficiency.



CE 0123

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Features

■ Multi-frequency treatment probe

A single probe capable of both 1 MHz or 3 MHz output is used according to treatment objectives and areas: 1 MHz for a deep area and 3 MHz for a superficial area.

■ Low BNR

The probe BNR (beam nonuniformity ratio), a key factor in the efficacy and safety of ultrasound therapy, is 3.1–3.5 (IEC), indicating its high quality.

■ Simultaneous therapy of multiple areas

Thanks to the two-channel output, two areas can be treated simultaneously, allowing for treatment of multiple fractured areas, resulting in an increased therapeutic efficiency. Single-channel output is also available.

■ Easy operation

The program used last is stored in memory. When repeating therapy with the same program, the session may be started simply by pressing the Start switch. A program may be selected from among the six preset programs or a new program may be created to suit the case at hand.

■ Compact, lightweight for ease of transport

Lightweight, built-in rechargeable batteries and an easy-to-carry pullout handle make the unit ideal for use in a variety of locations.



■ Thin, lightweight probes

Probes are easily attached to the treatment area with surgical tape or bandage.



*Tape / bandage not used in photos illustrating probe attachment.

Specifications

Power supply: DC 7.2 V
(AA nickel metal-hydride battery × 6)

Number of channel: 2

US Frequency: 1 MHz and 3 MHz, each probe

Intensity: Max. 400 mW

Timer: 0–30 min.

Safety Class: Internally powered equipment, Type BF

Dimensions: 256 (W) × 241 (D) × 83 (H) mm

Weight: 1.8 kg (without batteries)

Ordering Data

Standard Kit

OSTEOTRON III complete with standard accessories, including

011420 Flat probe × 1

120612 Ultrasound gel (250 ml) × 1

Note: A battery and a battery charger are not attached to the standard kit. Purchase them locally.



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