

Multi-Frequency Ultrasound

US-750

offers unprecedented ease of use
with a touch panel and alphabetic keyboards



- Alphabetic keyboard for entering treatment objectives or patient names
- Very low BNR (2.4–3.6 according to IEC)
- Selectable coupling sensitivity
- Allows switching between brief and full-spec operation
- Pleasant key-touch sound
- Choice of three different treatment-end melodies
- Enables combo therapy in conjunction with an electrotherapy unit
- Supports 10 different languages



1MHz/3MHz Multi-Frequency Ultrasound

US-750

Multi-Frequency Ultrasound

Features

Alphabetic keyboard for entering details

Information such as treatment objectives or patient names can be entered and stored in the 100-item program memory. The stored programs can be sorted in alphabetical order or by program number, and a desired program can be selected simply by touching the patient name or treatment objective.

Very low BNR

BNR is an indication of quality of the ultrasound beam. The US-750 has a BNR of 2.4 to 3.6 (IEC), an extremely low ratio. Low beam non-uniformity ratio prevents hot spots and tissue damage, enabling safe, effective therapy to be performed.

Selectable coupling sensitivity

This feature allows the user to select the optimum coupling sensitivity for the type of gel used, regular ultrasound gel or medicated gel.

Pleasant key-touch sound

Melodies in a "do-re-mi" scale can be selected for the key-touch sound, making treatment more pleasant and enjoyable for user and patient alike.

Specifications

Power supply: AC 100–240 V ± 10 % 50/60 Hz

Intensity (max.): 2 W/cm² ± 20 %, continuous
3 W/cm² ± 20 %, pulsed

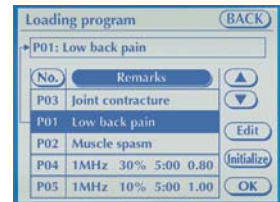
BNR & ERA (cm²):

Probe type		BNR		ERA	
		IEC	FDA	IEC	FDA
Large probe	3 MHz	2.4	3.2	6.0	6.0
	1 MHz	3.5	3.5	5.0	5.5
Small probe	3 MHz	2.4	3.6	0.5	0.9
	1 MHz	3.6	3.6	0.9	0.9

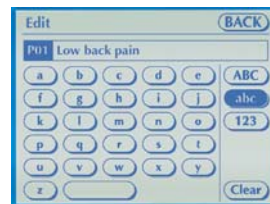
Screens



Parameter setting screen



Program screen

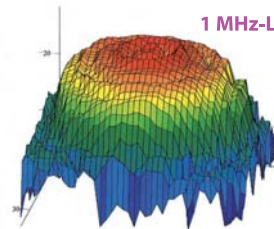


Edit screen

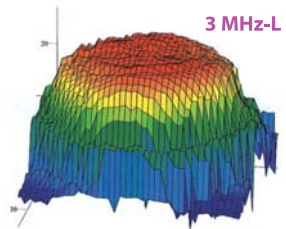


Language setting screen

Beam Distribution



BNR: 3.5 ERA: 5.0 cm² (IEC)



BNR: 2.4 ERA: 6.0 cm² (IEC)

Ultrasound frequency: 1 and 3 MHz each probe

Free program memories: 100

Combo therapy: can be linked with ES-320

Timer: 1–30min., counts only actual therapy time

LCD display: touch panel, 320 × 240 pixels

Classification: Class I Type BF, Class IIa / MDD

Dimensions: 285 (W) × 250 (D) × 102 (H) mm

Weight: 3 kg

Ordering Data

Standard Kit

US-750 complete with standard accessories, including

- 011387 Ultrasound Probe (L)
- 120860 Probe Holder
- 120612 Ultrasound Gel (250 ml)
- _____ Power Supply Cord



Optional Accessories

- 011388 Ultrasound Probe (S)
- 180563 EST Cable (for combo use with ES-320)



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ISO14001(Tsukuba factory)