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Products

[Home](#) » [Physiotherapy Products](#) » EU-921



2-channel Electrotherapy/Ultrasound Combo

EU-921

High-end Combination Unit with 3 Independent Channels and Body Diagram Installed

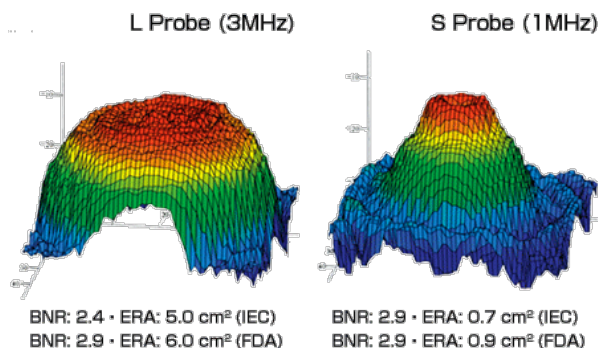
Features

- ↓ LOW BNR (Beam Non-uniformity Ratio)
- ↓ 47 EFFECTIVE CLINICAL PROGRAMS FOR OVER 30 TYPES OF PATHOLOGIES
- ↓ 13 TYPES OF FREQUENTLY USED CURRENT MODES INSTALLED
- ↓ VISUAL PROBE CONTACT STATUS
- ↓ 210 MEMORABLE PROGRAM NUMBERS
- ↓ SEQUENTIAL MODE
- ↓ CONSTANT CURRENT / CONSTANT VOLTAGE MODES
- ↓ EXCLUSIVE VACUUM UNIT AVAILABLE (Optional)
- ↓ MULTI-FREQUENCY TREATMENT PROBES (1MHz and 3MHz)
- ↓ and more

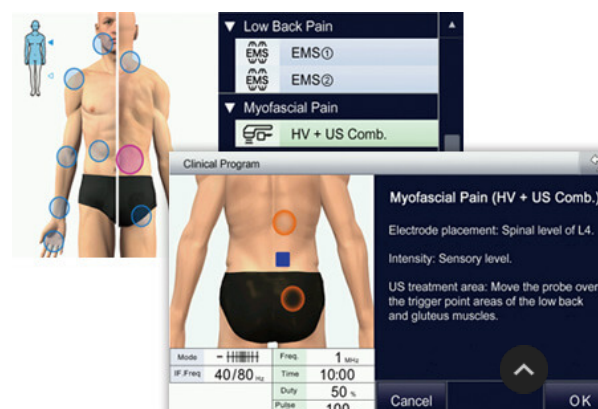
✉ Inquiry

Features

LOW BNR (Beam Non-uniformity Ratio)



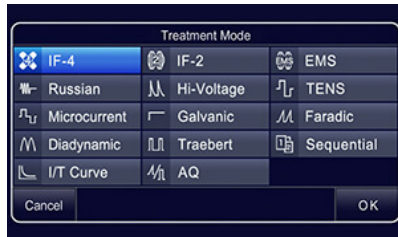
47 EFFECTIVE CLINICAL PROGRAMS FOR OVER 30 TYPES OF PATHOLOGIES



BNR is one of the indications for quality of the ultrasound beam. The BNR of EU-921 is 2.4 to 4.6 (IEC standards), a significantly low ratio. Low beam non-uniformity ratio prevents hot spots and tissue damages.

You can simply choose the area to be treated from Human Body Diagram. 47 therapy parameters are pre-programmed for over 30 types of typical pathologies. All the pre-programmed parameters can be modified to suit your particular needs.

13 TYPES OF FREQUENTLY USED CURRENT MODES INSTALLED



AC: IF-4, IF-2, EMS, Russian, TENS, High Voltage (HV), Microcurrent (MCR)

DC: Galvanic, Faradic, Diadynamic, Traevert (Ultra Reiz)

Diagnostic: I/T curve and AQ

VISUAL PROBE CONTACT STATUS



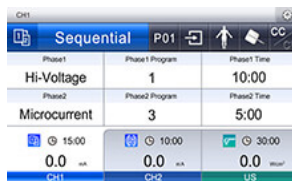
Clear light indications on both ultrasound probe and main unit to visually check whether the ultrasound energy is safely and effectively conducted into human body.

210 MEMORABLE PROGRAM NUMBERS



You can save 210 treatment parameters and quickly load & modify them as you like. This function facilitates treating numerous patients.

SEQUENTIAL MODE



This user-friendly treatment mode allows you to apply two designated therapeutic courses continuously without having to modify unit parameters.

CONSTANT CURRENT / CONSTANT VOLTAGE MODES



Depending on current modes, you can select constant current mode (CC) or constant voltage mode (CV). CV mode automatically adjusts the amount of current transferred to skin when the device detects the change of resistance to the skin. This mode enhances safety.

EXCLUSIVE VACUUM UNIT AVAILABLE (Optional)



SU-520 <BK>

1.1.13

SU-520 <BK> is exclusively made for and combined to EU-921. Our unit adopts blow-out system which does not pull dusts nor contain humidity inside vacuum electrode. Therefore, our unit minimizes your work effort in maintenance.

MULTI-FREQUENCY TREATMENT PROBES (1MHz and 3MHz)



L Probe (11 cm²) S Probe (2 cm²)

Each probe is compatible with 1 MHz and 3 MHz. Treatment for various body parts is available by using L probe for broad body parts such as shoulder and waist, and S probe (optional accessory) for narrow ones such as finger and toes.

7-INCH TFT COLOR TOUCH SCREEN



The large color touch screen dramatically improves visibility and functionality. The screen is 20% larger than the screen used in

MULTI LANGUAGES



You can select language from English, German, French, Italian, Spanish, Portuguese, Turkish, Vietnamese & Chinese.

2 ULTRASOUND PROBES CONNECTABLE



You can connect both small (2 cm²) and large (11 cm²) head ultrasound probes to quickly change the treatment head.

SELECTABLE COUPLING SENSITIVITY



You can select the appropriate coupling sensitivity between ultrasound gel and medicated gel.

previous models.

MOVIE



Specifications

Power supply	AC 100–240 V, 50/60 Hz
Power consumption	140 VA
Number of channels	3 independent (2 for electrotherapy, 1 for ultrasound)
Display	Full-color, 7" LCD touch screen
Safety class according to IEC 60601-1	Class I, Type BF
Dimensions	350 (W) x 270 (D) x 145 (H) mm
Weight	3.5 kg

Electrotherapy

IF carrier frequency	2 kHz, 4 kHz, 5 kHz, 8 kHz, 10 kHz
Vector sweep (for IF-4)	0°, 15°, 30°, 45°
User-defined protocol memories	120
Pre-programmed clinical protocols	28
Timer	Max. 60 min.

Ultrasound

Ultrasound mode	Continuous, Pulsed (5%, 10%, 20%, 30%, 40%, 50%)	
Ultrasound Intensity (max.)	Continuous: 2 W/cm ² , Pulsed: 3 W/cm ²	
Ultrasound frequency	1 MHz, 3 MHz	
Pulse frequency	16 Hz, 48 Hz, 100 Hz	
User-defined protocol memories	10 (for US) / 80 (for Combo)	
Pre-programmed clinical protocols	18 (for US) / 1 (for Combo)	
Timer	Max. 30 min.	
Number of US Probe connections	2	
Probe head diameter	[Large] 37.5 mm	[Small] 16 mm
BNR US Probe head (IEC Standards)	[Large] 1 MHz: 4.6	[Small] 1 MHz: 2.9



ERA US Probe head (IEC Standards)

3 MHz: 2.4

3 MHz: 2.4

[Large]

1 MHz: 5.0 cm²3 MHz: 5.0 cm²

[Small]

1 MHz: 0.7 cm²3 MHz: 0.5 cm²

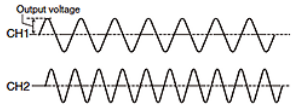
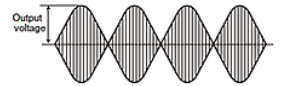
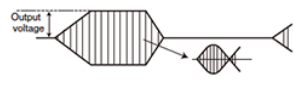
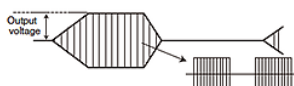
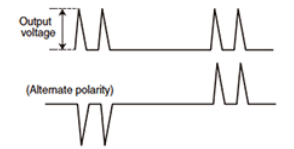

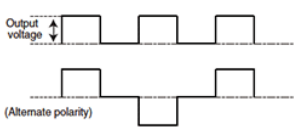

Probe cable length

2 m

Degree of protection against harmful ingress of water

IPX7 (US Probe)

Current Details

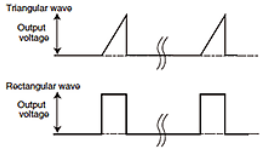
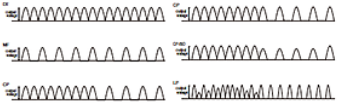

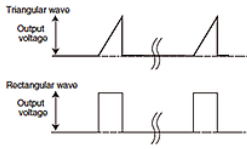
Current Mode	Waveform image	Output mode	Maximum amplitude (peak)	Frequency
IF-4		Constant, Sweep	100 mA	1-250 Hz
IF-2		Constant, Sweep	100 mA	1-250 Hz
EMS		Surge Independent, Surge Co-Cont, Surge Alternate	100 mA	20-250 Hz
Russian		Surge Independent, Surge Co-Cont, Surge Alternate	100 mA	2.5 kHz
High Voltage (HV)		Constant, Sweep, Burst, Surge Independent, Surge Co-Cont, Surge Alternate	600 mA	0.5-200 Hz
TENS		Constant, Sweep, Burst, Surge Independent, Surge Co-Cont, Surge Alternate	100 mA	0.5-250 Hz
Microcurrent (MCR)		Constant	750 µA	0.2-400 Hz
Galvanic		Continuous, Interrupted	20 mA	0.95-15.8 Hz

1.1.20.1

1.1.20.2

1.1.20.3

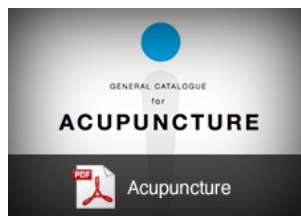


Current Mode	Waveform image	Output mode	Maximum amplitude (peak)	Frequency
Faradic		Surge Independent	70 mA	20-250 Hz
Diadynamic		DF, MF, CP, CP-ISO, LP, RS	70 mA	50 Hz or 100 Hz
Traebert		Constant	70 mA	142 Hz
I/T Curve - AQ		Constant	70 mA	I/T Curve: 0.33-0.5 Hz AQ: 0.33 Hz

Catalogues / Brochures



Above catalogue is updated as of
Dec, 2021.



Above catalogue is updated as of
Dec, 2019.

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