

Ultrasound Therapy Equipment  
PHYSISONIC  
Model ES-7

Physisonic



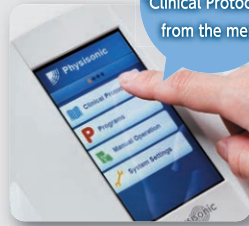
OG Wellness

# Compact design, 25 preprogrammed clinical protocols and a simple three-step operation make Physisonic

Start treatment quickly and easily with 3 easy steps

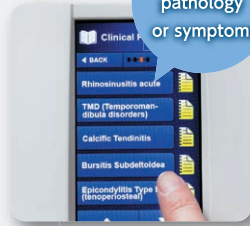
Step 1

Select "Clinical Protocols" from the menu



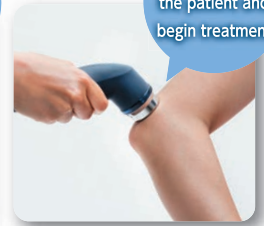
Step 2

Select the pathology or symptoms



Step 3

Apply gel to the patient and begin treatment



## Easy-to-use touchscreen

The touchscreen interface makes it easy to access all the functions needed to perform treatment.



## About ultrasound therapy

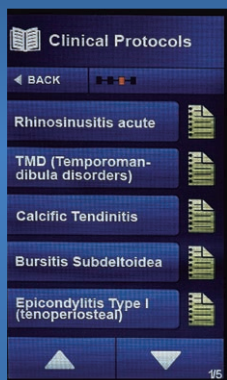
Ultrasound therapy is therapy administered using sound waves imperceptible to the human ear (20 kHz or higher). The merits of ultrasound therapy include the ability to deliver thermal and non-thermal effects to deep tissue, penetrating 1-5 cm deep into soft tissue. Frequencies of 1 MHz and 3 MHz are often used in ultrasound therapy, depending on the depth and type of tissue being treated. Effects of treatment include improving the elasticity of soft tissue, increasing blood flow, pain relief and micromassage effect.



# Clinical protocols and simple easy to use and effective.

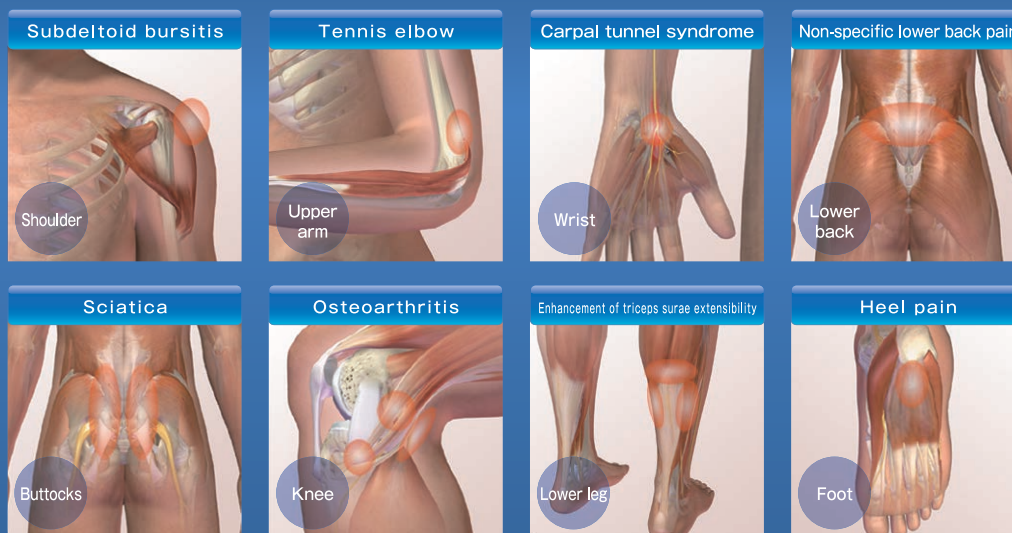
## Equipped with 25 preprogrammed clinical protocols

Equipped with preprogrammed treatment protocols for 25 common pathologies, including helpful images of the affected area to refer to during treatment.



Clinical protocols feature realistic, anatomical images and concise treatment information.

### 【 Clinical protocol examples 】



## Store up to 20 user-programmed protocols

20 user-programmed protocols can be saved in addition to the 25 preprogrammed protocols.



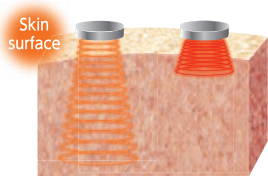
## Use in manual mode to customize treatment to the affected area and treatment objective

Treatment parameters such as ultrasound frequency and output intensity can be easily set or adjusted based on the affected area and treatment objective.

## Reach the affected area regardless of where it is with Physisonic

### Choose from 1 MHz or 3 MHz for just the right treatment

The frequency can be set to 1 mhz for deeper tissue or to 3 mhz to treat areas closer to the surface, enabling just the right treatment for the affected area.



### Physisonic offers both pulse and continuous ultrasound, allowing therapists to treat both acute and chronic conditions

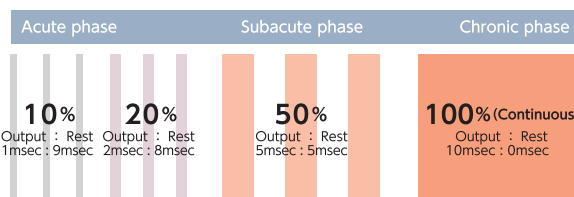
Adjusting the duty cycle results in thermal or non-thermal effects. Thermal effect is good for improving the extensibility of soft tissue and for pain mitigation for chronic conditions. Non-thermal effect can be used with acute conditions to enhance treatment of tissue.

### Choose from 2 applicator sizes, depending on the affected area

Choose between the large and small applicator to administer the appropriate treatment for the affected area.



### Pulse mode and continuous mode



Non-thermal effect ————— Thermal effect

Pulse intervals shown (msec) are at a pulse frequency of 100 Hz

ES-7S1A with L-applicator  
ES-7S2A with L-applicator and S-applicator

Power input	50VA
Rated power supply	100-240V ±10%, 50/60Hz
External dimensions	160 x 185 x 86(H)mm (main unit only)
Weight	Approx. 650g (main unit only)
Ultrasonic frequency	1MHz, 3MHz
Duty ratio	5-80% (pulse), 100%(continuous)
Treatment time	0.5 - 30 minutes (linked with contact control)
Maximum output	L-applicator; continuous 8W, pulse 12W (duty ratio 5-50%), pulse 10W (duty ratio 80%) S-applicator; continuous 1.2W, pulse 1.8W (duty ratio 5-50%), pulse 1.5W (duty ratio 80%)
Effective radiating Area (ERA)	L-applicator; 4cm <sup>2</sup> S-applicator; 0.6cm <sup>2</sup>
Beam nonuniformity ratio (BNR)	Max. 6
Standard accessories	ES-7S1A; Power cable x 1pc., L-applicator x 1pc., Contact Gel for Ultrasonic Therapy ES7-001 x 1pc. ES-7S2A; Power cable x 1pc., L-applicator x 1pc., S-applicator x 1pc., Contact Gel for Ultrasonic Therapy ES7-001 x 1pc. * Please note, applicator are not sold separately.



Separately sold accessory

ES7-001 Contact Gel for Ultrasonic Therapy 1 pc.



- The colors in this brochure may not necessarily be the same as in the actual model due to printing conditions.
- Specifications and appearance are subject to change for improvement without notification.



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