

# Physisystem



## Ultrasound therapy



## Electrotherapy



Perform electrotherapy, ultrasound therapy and even combination therapy, all with just one device

With an abundance of preprogrammed, evidence-based clinical protocols, you'll be able to treat a wide range of conditions.



Three types of therapy combined  
into one compact device!

**Electrotherapy**

**Ultrasound  
therapy**

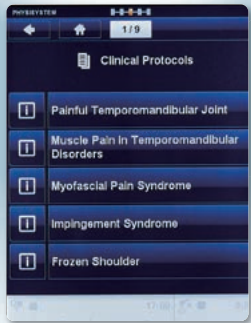
**Combination  
therapy**



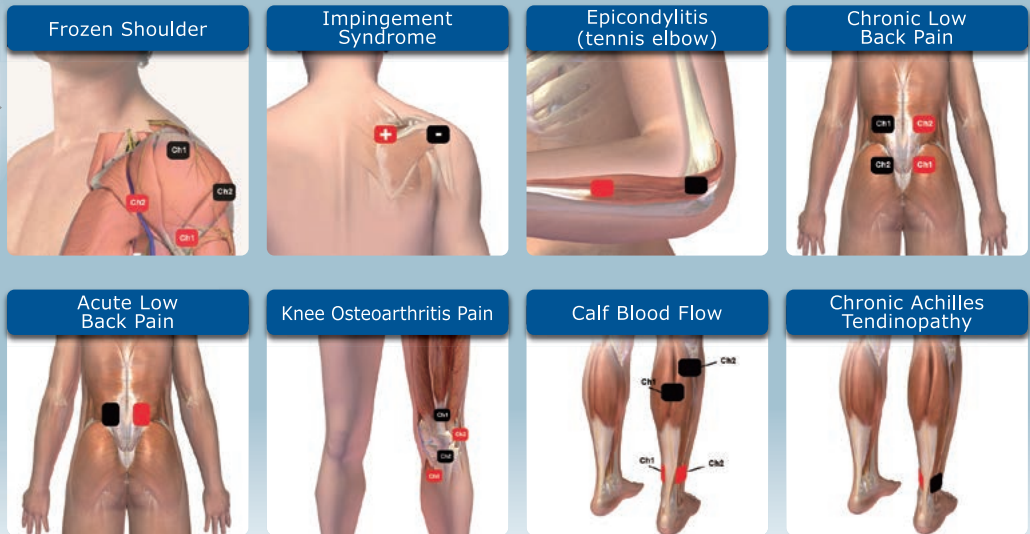
# Electrotherapy

41

evidence-based  
electrotherapy  
protocols



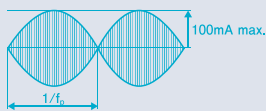
Easy-to-read clinical protocols feature anatomical images of the affected area and concise treatment information.



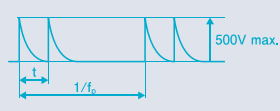
Clinic protocol examples

Features nine different waveforms, to treat a wide variety of conditions

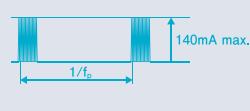
[ Premodulated ]



[ High voltage ]



[ Burst Asymmetrical ]



- Other current waveforms -

[ 4-pole interferential current ]

[ Microcurrent ]

[ Galvanic current ]

[ Biphasic pulsed current (TENS) ]

[ Diadynamic current ]

[ Faradic current ]

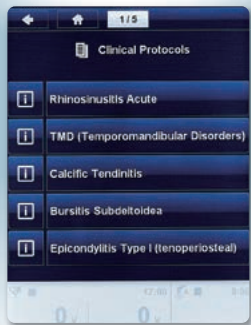
Vacuum unit

Connect the optional vacuum unit to deliver treatment using vacuum electrodes

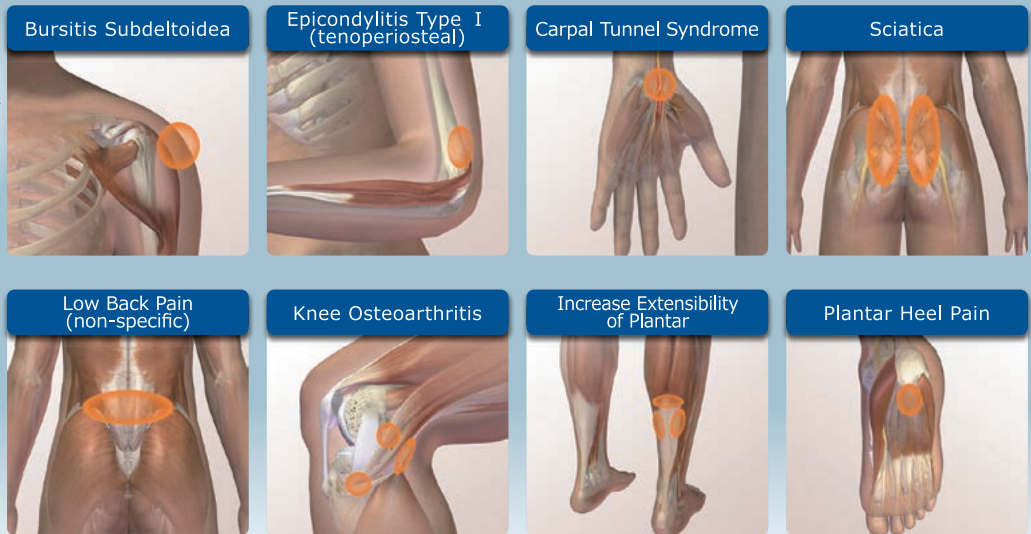


# Ultrasound therapy

**25**  
evidence-based  
electrotherapy  
protocols



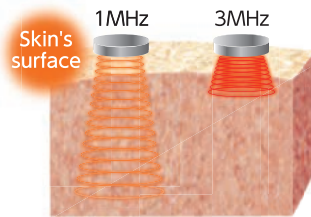
Easy-to-read clinical protocols feature anatomical images of the affected area and concise treatment information.



Clinic protocol examples

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

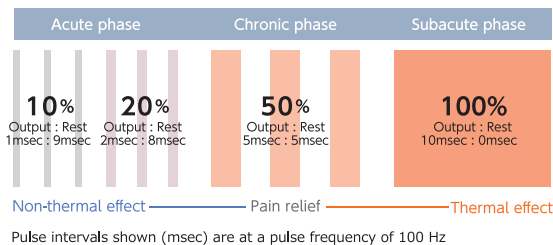
The frequency can be set to 1MHz for deeper tissue or to 3MHz to treat areas closer to the surface, enabling just the right treatment for the affected area.



## Physionic 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.

Pulse mode and continuous mode



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

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



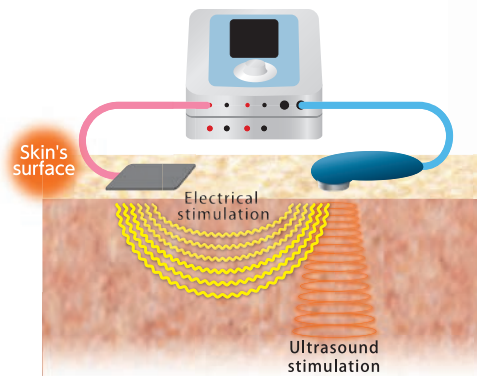
# Combination therapy

Electrotherapy

+

Ultrasound therapy

Combination therapy can be performed by simultaneous output of electrical stimulation and ultrasound. The ultrasound applicator can simultaneously emit both electrical current and ultrasound. Physisystem comes with two preprogrammed, evidence-based protocols for combination therapy: "Electrodiagnosis of Tenderpoints in Fibromyalgia" and "Treatment of Tenderpoints."



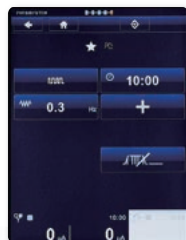
## Quick start

Start ultrasound therapy quickly and easily with 3 easy steps

- 1 Select "Clinical Protocols" from the menu
- 2 Select the condition or symptoms to be treated
- 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. The crystal clear, bright, scratch-resistant LCD screen is specially designed for high visibility.



Save over 1,000 user-defined treatment protocols

In addition to the 25 preprogrammed clinical protocols, Physisystem has the capacity to store over 1,000 user-defined protocols.

Tailor your treatments to suit the body part and treatment objective, using manual mode

Treatment parameters such as frequency and output intensity can be easily set and adjusted based on the treatment objective and body part being treated.



## Battery-operated so you can treat patients anywhere

With the optional battery-operated power supply, you can use Physisystem even in places with no electrical outlet available. You'll be ready to treat patients in their homes, at sporting events...anywhere!



## Accessories

### Accessories for CT-7

Vacuum unit for CT-7



- Dimensions: 240 (W) × 286 (D) × 93 (H) mm
- Weight: Approx. 2 kg

Remote control for CT-7



Carrier bag for CT-7



Battery 12.0V 1.8Ah for CT-7



#### Optional accessories

|   |         |                         |        |   |         |                              |       |
|---|---------|-------------------------|--------|---|---------|------------------------------|-------|
| 1 | CT7-001 | Vacuum unit for CT-7    | 1 unit | 3 | CT7-004 | Carrier bag for CT-7         | 1 pc. |
| 2 | CT7-002 | Remote control for CT-7 | 1 pc.  | 4 | CT7-003 | Battery 12.0V 1.8Ah for CT-7 | 1 pc. |

#### Optional accessories



#### Optional accessories

|    |         |   |                |    |         |  |                |
|----|---------|---|----------------|----|---------|--|----------------|
| 5  | ELR-810 | Adhesive electrodes $\Phi$ 2.0 cm         | 1 bag (8 pcs.) | 13 | ELR-820 | Moist pads for rubber electrodes 8 × 12 cm | 1 bag (4 pcs.) |
| 6  | ELR-811 | EN-Trode $\Phi$ 3,2 cm                    | 1 bag (4 pcs.) | 14 | ELR-822 | Strap 100 × 5 cm                           | 1 pc.          |
| 7  | ELR-812 | EN-Trode $\Phi$ 5,0 cm                    | 1 bag (4 pcs.) | 15 | ELR-824 | Strap 250 × 5 cm                           | 1 pc.          |
| 8  | ELR-813 | EN-Trode 5 × 5 cm                         | 1 bag (4 pcs.) | 16 | ELR-825 | Electrode holder for ELR-826               | 1 pc.          |
| 9  | ELR-814 | EN-Trode 5 × 9 cm                         | 1 bag (4 pcs.) | 17 | ELR-826 | Point electrodes $\Phi$ 5 mm               | 1 pc.          |
| 10 | ELR-815 | Rubber electrodes 4 × 6 cm                | 1 bag (2 pcs.) | 18 | ELR-828 | Adapter plug, red                          | 1 pc.          |
| 11 | ELR-816 | Moist pads for rubber electrodes 4 × 6 cm | 1 bag (4 pcs.) | 19 | ELR-829 | Adapter plug, black                        | 1 pc.          |
| 12 | ELR-819 | Rubber electrodes 8 × 12 cm               | 1 bag (2 pcs.) |    |         |  |                |

#### Separately sold accessories



#### Separately sold accessories

|    |         |   |                |    |         |                  |       |
|----|---------|---|----------------|----|---------|------------------|-------|
| 20 | ELR-809 | Patient cable                             | 1 pc.          | 23 | ELR-821 | Strap 100 × 3 cm | 1 pc. |
| 21 | ELR-817 | Rubber electrodes 6 × 8 cm                | 1 bag (2 pcs.) | 24 | ELR-823 | Strap 250 × 3 cm | 1 pc. |
| 22 | ELR-818 | Moist pads for rubber electrodes 6 × 8 cm | 1 bag (4 pcs.) | 25 | ES7-001 | Ultrasound Gel   | 1 pc. |

### Accessories for Vacuum unit (CT7-001)

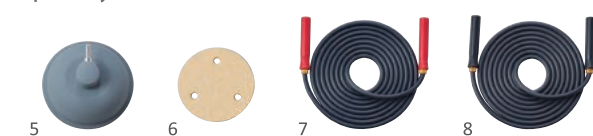
#### Optional accessories



#### Optional accessories

|   |         |                                |                |
|---|---------|--------------------------------|----------------|
| 1 | ELR-807 | Vacuum electrodes $\Phi$ 90 mm | 1 bag (2 pcs.) |
| 2 | ELR-803 | Vacuum electrodes $\Phi$ 30 mm | 1 bag (2 pcs.) |
| 3 | ELR-808 | Sponges $\Phi$ 95 mm           | 1 bag (4 pcs.) |
| 4 | ELR-804 | Sponges $\Phi$ 30 mm           | 1 bag (4 pcs.) |

#### Separately sold accessories



#### Separately sold accessories

|   |         |                                |                |
|---|---------|--------------------------------|----------------|
| 5 | ELR-805 | Vacuum electrodes $\Phi$ 60 mm | 1 bag (2 pcs.) |
| 6 | ELR-806 | Sponges $\Phi$ 65 mm           | 1 bag (4 pcs.) |
| 7 | ELR-801 | Vacuum lead hose, red          | 1 pc.          |
| 8 | ELR-802 | Vacuum lead hose, black        | 1 pc.          |



## CT-7

Combination

- CT-7S1 : with L-applicator
- CT-7S2 : with L-applicator & S-applicator
- CT-7S3 : with S-applicator

### Specifications

|   |                                    |
|---|------------------------------------|
| Product description                             | Combination Therapy Equipment CT-7 |
| Power input                                     | 100VA                              |
| Dimensions stand alone                          | 240 (W) × 320 (D) × 120 (H) mm     |
| Dimensions on Device base (inclination support) | 240 (W) × 305 (D) × 182 (H) mm     |
| Dimensions on Vacuum unit                       | 240 (W) × 305 (D) × 216 (H) mm     |
| Weight (main unit)                              | 2 kg                               |
| Weight (including optional battery)             | 3 kg                               |

### Stimulation parameters

|                        |  |
|------------------------|--|
| Channels               | 2  |
| Output characteristics | Constant Current (CC) or Constant Voltage (CV), except for High Voltage (CV) and Micro Current (CC)  |
| Treatment timer        | 0-60 min   |
| Mode                   | Classical interferential, Isoplanar vector, Dipole vector (Automatic, Manual), Asymmetrical, Asymmetrical Alternating, Burst Asymmetrical, Burst Asymmetrical Alternating, Symmetrical, Burst Symmetrical, Premodulated, Russian Stimulation, High Voltage (Twin Pulse), High Voltage Alternating (Twin Pulse), Micro Current, Micro Current Alternating, Diadynamic Current, Galvanic Interrupted, Galvanic Continuous, Faradic (Rectangular), Faradic (Triangular), Träbert 2-5 (Rectangular Pulsed Current) |

### Ultrasound parameters

|                                 |  |
|---------------------------------|--|
| Frequency                       | 1MHz, 3MHz   |
| Duty cycle                      | 5-80%, 100% (continuous wave)  |
| Treatment timer                 | 0-30 min   |
| Peak output power               | L-applicator: Continuous 8W, Pulse 12W (Duty cycle 5-50%), Pulse 10W (Duty cycle 80%)<br>S-applicator: Continuous 1.2W, Pulse 1.8W (Duty cycle 5-50%), Pulse 1.5W (Duty cycle 80%)   |
| ERA (Effective Radiation Area)  | L-applicator: 4 cm <sup>2</sup> , S-applicator: 0.6 cm <sup>2</sup>  |
| BNR (Beam Non-uniformity Ratio) | 6:1 Max.   |
| Standard accessories            | <b>CT-7S1:</b><br>Power cord 1 pc., L-applicator 1 pc., ELR-817 Rubber electrodes 6 × 8 cm 2 bags (4 pcs.), ELR-818 Moist pads for rubber electrodes 6 × 8 cm 1 bag (4 pcs.), ELR-821 Strap 100 × 3 cm 1 pc., ELR-823 Strap 250 × 3 cm 1 pc., ELR-809 Patient cable 2 pcs., ES7-001 Ultrasound Gel 1 pc.<br><b>CT-7S2:</b><br>Power cord 1 pc., L-applicator 1 pc., S-applicator 1 pc., ELR-817 Rubber electrodes 6 × 8 cm 2 bags (4 pcs.), ELR-818 Moist pads for rubber electrodes 6 × 8 cm 1 bag (4 pcs.), ELR-821 Strap 100 × 3 cm 1 pc., ELR-823 Strap 250 × 3 cm 1 pc., ELR-809 Patient cable 2 pcs., ES7-001 Ultrasound Gel 1 pc.<br><b>CT-7S3:</b><br>Power cord 1 pc., S-applicator 1 pc., ELR-817 Rubber electrodes 6 × 8 cm 2 bags (4 pcs.), ELR-818 Moist pads for rubber electrodes 6 × 8 cm 1 bag (4 pcs.), ELR-821 Strap 100 × 3 cm 1 pc., ELR-823 Strap 250 × 3 cm 1 pc., ELR-809 Patient cable 2 pcs., ES7-001 Ultrasound Gel 1 pc. |

\*Please note, applicator are not sold separately.

- 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.



**OG WELLNESS TECHNOLOGIES CO., LTD.**

<http://www.og-wellness.com>

**Head Office** 1835-7, Miyoshi, Naka-ku, OKAYAMA 703-8261 JAPAN TEL : +81-86-277-7181 FAX : +81-86-274-9072

**Oku Factory** 77, Mukoyama, Oku-cho, Setouchi-shi, OKAYAMA 701-4233 JAPAN