

TECHNICAL DATA SHEET

Focused Shock Wave Therapy Device YSREH-FSWT-IC

Operating principle

The principle of the piezoelectric shock wave consists of hundreds of piezoelectric crystals on a concave surface. When the outside electrical field passes through the piezoelectric glass, its volume changes and a pressure wave is generated. When the glass recovers, a tension wave is generated. All piezoelectric crystals vibrate together, emitting shock waves that are captured by the ellipsoid, so that all energy is focused in the area to be treated.

The shock wave's energy converts close to the centre of the sphere and the high energy, together with the elimination of induced cavitation, acts on the damaged area.

Main structure

It consists of a device, a therapy device (including piezoelectric ceramics, piezoelectric transducer, key switch), a gel pad, a massage gun, a massage probe and software components.

Scope

It alleviates pain at the place of action and is suitable for the adjuvant treatment of shoulder periarthritis, tennis elbow (tennis elbow) and plantar fasciitis.

Contraindications

1. Patients with serious cardiopathy, arrhythmia and high blood pressure
2. Patients with bleeding and coagulation dysfunction
3. Thrombosis at the treatment area
4. Pregnant women
5. Pacemaker patients
6. Patients with different tumors
7. Patients with local skin damage
8. Patients with tendon and fascia breaking and serious injuries
9. Patients with joint fluid leakage
10. Patients with serious cognitive impairment and mental illness.

Product parameters

Room temperature range: $+10^{\circ}\text{C} \sim +40^{\circ}\text{C}$

Environmental moisture range: 30% ~ 75%

atmospheric pressure range: 700 hPa ~ 1060 hPa

Nominal voltage and frequency: 220 V / 50 Hz

Dimensions: 545 x 365 x 300 mm

Number of massage probes: 8

Pulse width: $< 1 \mu\text{s}$

Number of prescribed treatments: 50

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Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.