5th generation of device

DENAS® PCM 2015

Operating Manual
Part I. Technical passport

EXTRACT

TPTK 04.3-03.70 РЭ
TY 9444-009-44148620-2009
The company quality management system is in compliance with ISO 9001 and ISO 13485

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2. PURPOSE

Universal transcutaneous electrostimulator DENAS-PCM is intended for application of system-regulating impact on physiological systems of the body and for the treatment of functional disorders under wide range of diseases. Dynamic electroneurostimulation is executed through impulses of electric current on biologically active points and zones of the human body. The device provides possibility of selection of individual treatment program, as well as already prepared for use programs. The device has a inbuilt electrodes and a socket for connection of external therapeutic electrodes *.

The device DENAS-PCM is intended for use in hospitals and in home conditions in accordance with the instructions of a physician.

* You can only connect to the device those external electrodes, which are produced by the company-manufacturer (see Appendix A).
## 4. COMPLETE SET

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostimulator Denas-PCM</td>
<td>1</td>
</tr>
<tr>
<td>Operations manual Part 1 and 2</td>
<td>1</td>
</tr>
<tr>
<td>Consumer container</td>
<td>1</td>
</tr>
<tr>
<td>Battery LR6/AA</td>
<td>2</td>
</tr>
</tbody>
</table>
5. DEVICE ASSEMBLY

Fig. 1. The device Denas-PCM (top view)

1. Body.
2. Socket for connection of external electrodes (closed with cover).
3. Display — liquid-crystal display.
5. Button for selection of menu item.
6. Button of return to previous menu item.
7. Button of return to main menu.
8. Buttons for navigation in device’s menu.
9. Button for switching the device on or off.

Fig. 2. The device Denas-PCM (bottom view)

1. Cover of battery cabinet.
2. Inbuilt electrode.

5.1. Appearance of display in different modes

5.1.1. Symbols and items of main menu of the device

<table>
<thead>
<tr>
<th>Battery charge</th>
<th>Menu «Programs»</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baby doctor</td>
<td>Menu «Frequencies»</td>
</tr>
<tr>
<td>Volume</td>
<td>Mode MED</td>
</tr>
<tr>
<td>Timer</td>
<td>Mode «Screening»</td>
</tr>
<tr>
<td>Control of contact</td>
<td>Function «Baby doctor»</td>
</tr>
<tr>
<td></td>
<td>Menu «Settings»</td>
</tr>
</tbody>
</table>

5.1.2. Items of menu «Programs»

<table>
<thead>
<tr>
<th>Scrolling up</th>
<th>Program “Allergy”</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Program “Pain”</td>
</tr>
<tr>
<td></td>
<td>Program “Severe pain”</td>
</tr>
<tr>
<td></td>
<td>Program “Bloating”</td>
</tr>
<tr>
<td></td>
<td>Program “Neurocirculatory dystonia”</td>
</tr>
<tr>
<td>Scrolling down</td>
<td></td>
</tr>
</tbody>
</table>

7. USING THE MENU

7.1. Structure of the menu (in Russian)
Structure of the menu (English translation)

Main Menu
- Programs
  - Allergy
    - Pain
      - Severe pain
        - Bloating
  - Gastro-intestinal pain
    - Hypertension
      - Head
        - Throat
          - Cough
            - Constipation
  - Gynecologic pain
    - Diarrhea
  - Hypotonia
    - Muscles
      - Back
  - Baby doctor
  - Joints
    - Nausea
    - Potency
      - Cold
      - Asthma
      - Trauma
      - Knees
  - Trauma
  - Gynecologic pain
  - Gynecologic pain
  - Neuro-circulatory dystonia

Frequencies
- 1,0–9,9 Hz
- 10 Hz
- 20 Hz
- 60 Hz
- 77 Hz
- 140 Hz
- 200 Hz
- «77 10»
- «77AM»

MED
- Screenings
- Baby doctor
- Settings
  - Sound
    - General
    - Contact
    - Buttons
  - Brightness
  - Economy
  - Storage of last settings
  - Time
  - Alarm clock
    - OFF
    - Repeat
    - Daily

APPENDIX A

Accessories used

A set of detachable zonal electrodes DENS-applicator.
Intended for non-invasive therapeutic effect on zone of pain, lesion centers, reflexogenic zones (without disruption of skin integument)
Therapeutic external for feet Denas-Reflexo

*Intended for therapeutic impact on biologically active zones of soles (feet)*

**Therapeutic external massage electrodes.**

*Intended for treatment of zone of pain, lesion centers, reflexogenic zones and acupuncture points on the body*

**DENS-glasses.**

*Intended for prophylactic and therapeutic non-invasive impact on biologically active points, located around the eyes in paraorbital zone by method of dynamic electroneurostimulation*
**External therapeutic electrode.**

Intended for therapeutic impact on biologically active points by method of dynamic electroneurostimulation

WARRANTY MAINTENANCE FORM

GARANTIEREPARATURSCHEIN

Name / Bezeichnung: ДиадЭНС-ПКМ / Denas-PCM / Denas-PCM
Serial number of device / Seriennummer des Produktes
Manufacturing date / Herstellungsdatum
Date of purchase / Kaufdatum

Owner / Eigentümer
Address / Adresse:

Telephone / Telefon
domestic/home/privat