kriomedpol®
Spółka z ograniczoną odpowiedzialnością

CRYOTHERAPY DEVICE USER MANUAL

KRIOPOL R 26, R 30,R 35, R 60 version 3 *Mistral*

CE 0197

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CONTENTS

We reserve the right to introduce constructional changes not included in this manual, which shall in no way affect utility values of the device. The looks of the currently produced device may slightly deviate from the figures and pictures included in this document.

1. Definition of symbols

Symbols presented on the device (data plate)

Symbol	Description
	Manufacturer
CE 0197	CE certification Number of the certifying body 0197
	Notice, read all instructions before using this device
	Read operator's manual
	Type B electrical device
	**Disposal of utilised product** **Within the European Union** Binding EU legislation, implemented in each member state, requires all electrical and electronic devices marked with this symbol to be disposed separately, independently of other household waste. This regulation also covers electric accessories, such as power cords. The user shall be obliged to submit the utilised equipment to the appointed entity collecting and recycling electrical and electronic waste. Ensuring proper disposal helps protect natural environment. When discarding this type of appliances please follow local regulations and/or contact the manufacturer. **Outside the European Union** When aiming to dispose of utilised electrical and electronic products outside the European Union, it is recommended to contact local authorities and obtain information on proper method of disposal.

Symbols utilised in this manual

	Notices
	The most significant information related with operating the device
	Additional information

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2. Introduction

Using low temperature as a therapeutic agent has been known for ages, however, only the current state of technical knowledge enabled dynamic development of cryogenics and cryobiology, as well as established theoretical and technical foundations for the development of cryotherapy. Works by cryobiologists such as Smith, Meryman, Levelock, Mazur and others explained the mechanism underlying the activity of low temperature on cells and tissues, which made it possible to use it for clinical purposes.

Toshiro Yamauchi introduced cryotherapy (cryostimulation) to medical practice in 1978.

3. Intended use

Therapy utilising cold nitrogen vapours, performed with the use of **KRIOPOL R device version 3** *Mistral*

Cold therapy (cryostimulation) is a method that is more and more frequently applied in treating arteriosclerotic ailments, musculoskeletal disorders, injuries, oedemas, burns, etc.

KRIOMEDPOL Sp. z o.o. elaborated a simple and reliable device, which not only allows safe and efficient usage of cryostimulation, but also ensures complete comfort and safety of the patient.

Nitrogen vapour stream obtained by means of **KRIOPOL R version 3** *Mistral* device at nozzle outlet, reaches operating temperature (-160°C) at the end of the flexible hose within about 30 seconds following the activation of the device. Airflow intensity is adjusted stepwise, depending on the size of the treated surface.

Analgesic activity of low temperature enables complete kinesitherapy as far as joints are concerned. Although currently cryostimulation cannot exclude pharmacological therapy, nevertheless, such treatment is clearly less intense when cryostimulation is being implemented. Pain relief activates the patient, improves patient's psychical condition and encourages performing exercises that the patient could not do when in pain. What stands as a noteworthy aspect of cryostimulation is the perfect tolerability of the procedure.

What concerns patients treated with this method, it is worth mentioning that the number of performed intra-articular steroid blocks decreased considerably. Utilisation of intra-articular route can cause potential damage of the chondrus – whereas the local airflow, which is a non-invasive method, is a chance to entirely avoid iatrogenic tissue trauma.

In certain cases cryostimulation enables to avoid surgical procedure in patients who due to pathologic development of synovial membrane had previous indications to undergo synovectomy.

The cooling procedure results in significant endogenous overheating of joints, as the initial temperature is exceeded by about (3-4)°C and it is maintained for about 3-4 hours.

Low temperature therapy leads to:

- Pain relief.
- Decreased activity of the inflammatory process.
- Decreased muscle tension.
- Decreased swelling.
- Improved clinical and functional condition related with increased mobility range as far as cooled joints are concerned, and increased muscle strength.
- Relief of conditions following burning.
- Shortened injury treatment time.

Indications

- Rheumatoid arthritis (RA)
- Ankylosing spondylitis (AS)
- Degenerative joint disease
- Cervical spine syndrome
- Articular inflammation
- Shoulder impingement syndrome
- Ruptured tendons, peritendinitis, tendonitis
- Dislocations, sprains, fractures
- Post-operative oedemas
- Burn injuries

Contraindications

Patients with peripheral circulatory disorders, with subsequent skin and subcutaneous tissue tension impairment, as well as local frostbites.

NOTICE

Procedures, during which the given area of patient's body is being cooled, are performed under visual inspection and particular attention is paid to the colour of the skin, as prolonged maintenance of the cooling tip in one place can cause local "whitening" of the epidermis. In such cases it is essential to drain "the excess of the cold" by placing one's own hand on the "whitened epidermis" for several seconds. The principle of conducting the procedure lies in initial cooling of segments containing the greatest number of muscles and gradual passing onto places characterised by small muscle thickness.

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4. Device management

Prior to performing any operations on **KRIOPOL R version 3** Mistral device, it is essential to read safety requirements concerning handling liquid nitrogen (point 7 in this manual).

Filling the container with liquid nitrogen

In order to fill the container with liquid nitrogen, proceed as follows:

- turn off the power supply with the main switch,
  - take the head power plug out of the socket (4 Fig. 3) – pay attention to blockade of the connection – press the blockade and then pull the head power plug,
- unscrew the feeding line from the head,
- unscrew the knob of the clamp and remove it from the head,
- take the head out of the container,
- fill the container with liquid nitrogen,
  - pay special attention to avoid pouring the liquid nitrogen on the container. What is a particularly sensitive element is the protruding part covered with plastic cap. Flooding this element may damage the container. Damage of this kind is not covered by warranty.
- check if there is a seal in the head socket,
  - slowly and carefully insert the heating element into the container, so as not to cause sudden outflow of nitrogen vapours,
- put on the clamp and screw the knob until resistance is felt,
- place and screw the feeding line,
- put the head feeding cable plug into the socket (4 Fig. 3).

Preparing the device for work

The following has to be done to prepare the device for work:

- connect the power cable into the socket (1 Fig. 4) on control panel,
- connect the device to 230VAC supply network by means of socket with earthing pin.

Activating the device

In order to activate the device, the following has to be done:

- Before activating the device, make sure that all plugs have been properly connected. Turn on the main switch (1 Fig. 4). Multifunctional LCD display shall be activated on the control panel (1 Fig. 3).

```
   KRIOPOL R Mistral
Aparat do
         krioterapii
    Zimno leczy
```

Screen without connected scale (the plug is disconnected)

```
   KRIOPOL R Mistral
Aparat do
         krioterapii
 min ********** max
```

Screen with connected scale (the container is full)

```
   KRIOPOL R Mistral
Aparat do
         krioterapii
 min *          max
```

Screen with connected scale (the container is almost empty)

```
   KRIOPOL R Mistral
Aparat do
         krioterapii
 min brak butli max
```

Screen with connected scale (the container is dismounted)

- After pressing the cooling knob (2 Fig. 3) only once, the screen shall display 4 next to the word "Power" and the clock counting the time of the procedure shall be activated and displayed next to the word "Time". Position 4 means that the greatest power is being delivered. Time required to cool the feeding line within this range equals about 30 seconds. Appearance of "white" nitrogen vapours on the outlet of the feeding line means that the device reached its operating temperature. Within range 4 nitrogen consumption is highest and equals about 16 dkg/min.

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Device management

By turning the cooling power regulating knob (2 Fig. 3) the user can change the cooling power and subsequent cooling settings shall be displayed next to the word "Power".

- Nitrogen consumption within subsequent ranges equals:
- within range 4 it equals about 16 dkg/min,
- within range 3 it equals about 12.8 dkg/min,
- within range 2 it equals about 9,6 dkg/min,
- within range 1 it equals about 6.4 dkg/min,
- in crioacupuncture mode it equals about 3,2 dkg/min,
- with „puls 1" or „puls 2" function activated, nitrogen consumption equals 50% of the maximum consumption.

Clock can be reset with reset button (3 Fig. 3) when the device is in operating mode. Pressing this button makes it possible to reset the clock, so that it will count the time from the beginning. This option allows measuring real duration of the procedure. Subsequent pressing of the power regulation knob (2 Fig. 3) deactivates the cooling function. Display of the device returns to initial status.

- When the heating element emerges from nitrogen, the element controlling the nitrogen level fixed to the heater detects lack of nitrogen, deactivates the power system connected to the heating element, activates sound signal and displays proper message on the LCD screen.

BRAK AZOTU

Uzupelnic azot

After pressing the clock resetting button when the cooling function is deactivated, the device shall pass into the sleep mode.

When the device is in the sleep mode, power regulating knob is deactivated, display backlight is turned off, while illumination of the knob

and reset button is activated in intervals.

In order to "wake the device up" press the clock resetting button once again.

Manner of performing the procedure

When the device reaches proper temperature (about -160ºC within 10mm from the hose nozzle outlet), which can be seen in the form of white liquid nitrogen vapours, it is possible to begin the procedure.

When beginning the procedure, it is essential to direct the hose outlet towards the place that is to be cured, maintaining 10cm distance from skin surface, since at that point the operating temperature equals -130ºC and the whole procedure is more efficient. Smaller distance shall considerably hinder the observation of the operating field, whilst bigger distance will not ensure sufficiently low temperature. The greater the distance, the higher the temperature.

Temperature within about 20cm from nozzle outlet does not exceed -100ºC.

The procedure is performed by moving the nozzle above the operating field in a smooth manner – at constant speed, remembering that holding the nozzle still for some time may cause frostbite affecting the epidermis.

Active blood supply can be obtained by cooling places, with the greatest muscle thickness, and then moving on to places with smaller amount of muscle tissues.

The procedure can be continued until the operator evaluates that the skin of the patient is sufficiently cooled.

Operation of the device

When the device is operating it uses liquid nitrogen, hence its amount in the container is decreasing.

Message signalling lack of nitrogen is the only system message.

BRAK AZOTU

Uzupelnic azot

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Device management

When the message signalling lack of nitrogen is activated, the heating element is automatically deactivated in order to protect it against thermal damage.

Construction of the device makes it impossible to collect nitrogen from the whole capacity of the container.

Apart from nitrogen losses caused directly by the operation of the device, there are also spontaneous losses resulting from its evaporation from the container.

Maximal values of spontaneous losses for all containers used in our devices.

	KRIOPOL R 26	**KRIOPOL R 30**	**KRIOPOL R 35**	**KRIOPOL R 60**
Container	TR 26	YDS 30	TR 35	TR 60
Capacity of the container (in litres)	26,0	30	33,6	60
Capacity of the container (in kg)	20,8	24	26,9	48
Spontaneous losses without inserted heater (kg)	0,16	0,10	0,19	0,32
Spontaneous losses with inserted heater (kg)	0,54	0,50	0,59	0,72

NOTICE

The device is not equipped with a safety valve, hence nitrogen vapours have to evaporate in a continuous manner through the hole of the feeding line. It is unacceptable to block the feeding line nozzle.

Handle the heating element with care and avoid causing any mechanical damage to this component.

The feeding line is sensitive to mechanical damage, therefore it should not be used to move the device and it should not be bent suddenly or violently. Manufacturer should be informed about each case of malfunction or damage. When the vacuum insulation of the container shall be damaged, upper part of its external surface will be significantly frosted, and content of the container will spontaneously evaporate in a short period of time.

5. Storage and maintenance

The device should be stored in a dry place at temperature between +10 and +45°C, free from activity of acids or other caustic substances. The device should be kept clean. After finishing work, the device should be cleaned from all possible debris and dirt.

In case of longer breaks in operation of the device, it is essential to take out the head, place it in holders (1 and 3 Fig. 1) and cover the container with a blue plug.

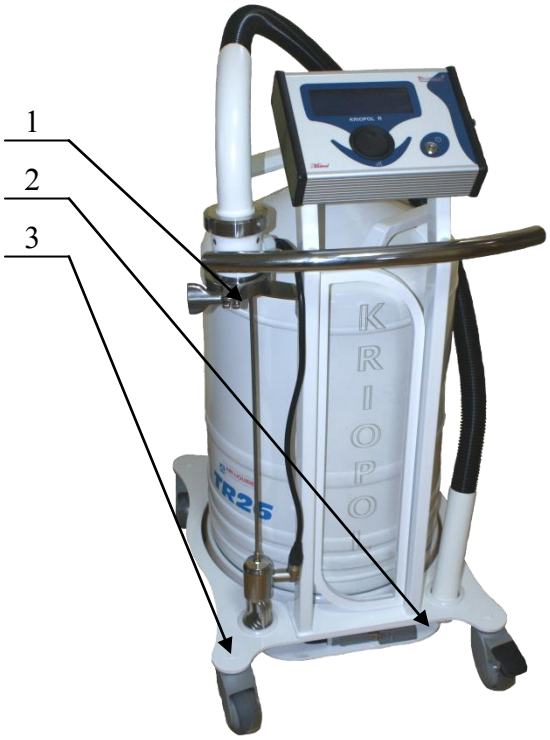

Fig. 1 Storage
1. Upper holder of the head
2. Holder for the feeding line nozzle
3. Lower holder of the head

Cleaning the device

All available surface active agents that do not contain abrasive elements can be used to clean the device, f. ex. dishwashing liquids, glass cleaners, etc.

Do not use agents reacting with aluminium elements.

After removing all the dirt, dry the surface with dry and soft flannel.

Disinfection

Use a disinfecting solution (ALDESAN "E" or any other disinfecting solution from the list included in the message issued by the Main Sanitary Inspectorate of 27.09.1996 with amendments, Official journal of the MHSW, No.11, item 32, 1996) to disinfect the device. The solution can be used according to guidelines indicated on the label.

6. Transportation

Cryotherapeutic device **KRIOPOL R version 3** *Mistral* requires particular cautiousness when transported. When the device has to be transported (f. ex. when the container needs to be filled) it is essential to take out the head and remove the container from mobile platform.

In all cases, the container needs to be transported in vertical position; it is also best to avoid any strong jolts. Failure to observe these principles may result in damaging the device.

During transport, the device should be secured against hazardous atmospheric influence and strong jolts.

7. Safety instruction concerning handling liquid nitrogen when filling the container

1. General information

Nitrogen is a non-toxic, neutral, colourless and odourless gas. Cold gas is heavier than air; therefore nitrogen vapours tend to accumulate close to the ground. Nitrogen in gas form is transported in high-pressure cylinders, while in liquid form it is transported in cryogenic containers. Liquid nitrogen boiling point is -196°C (77.3°K).
After evaporating 1 dm^3 of liquid nitrogen and when the gas reaches room temperature we can obtain 710 dm^3 of nitrogen.

2. Hazards related with using liquid nitrogen

- ❄ Contact between liquid nitrogen or cold nitrogen vapours with tissues causes their injury and damage.
- ❄ Degassing liquid nitrogen in tightly sealed container makes the pressure grow and creates the risk of explosion.
- ❄ Supplying a small amount of heat to the container with liquid nitrogen may cause sudden outflow of this substance.
- ❄ Quick evaporation of considerable liquid nitrogen amounts in a non-ventilated room leads to oxygen superseding or change in the

air content, which may cause befuddlement or even loss of consciousness.

3. General guidelines concerning handling liquid nitrogen.
   - ❄ Any operations performed when handling liquid nitrogen should be performed by at least two people, in a well ventilated room, where they have access to tap water.
   - ❄ Any operations, during which liquid nitrogen might outflow, should be performed in protective clothing and in protective glasses or face cover. Use special handles or thick and dry leather gloves to grab objects cooled with liquid nitrogen.
   - ❄ Do not allow contact between liquid nitrogen or vapours of violently evaporating liquid with skin or eyes. Cold vapours may easily lead to loss of sight. Do not inhale liquid nitrogen vapours as this may cause damage of lungs, yet if the technological process requires the above, it is necessary to wear a protective mask.
   - ❄ Cryogenic containers for liquid nitrogen should be used solely according to their intended use.
   - ❄ Containers that have not been cooled down should be slowly and very carefully filled with liquid nitrogen, and the operator should avoid pouring liquid nitrogen on the external surface of the container. Filled container should be moved by at least 2 people.
   - ❄ It is not allowed to tightly close the container, except for pressure cylinders secured with safety valves.
   - ❄ Do not immerse warm objects in liquid nitrogen, unless this is required during the technological process. In such case, it is essential to wear protective clothing and face cover.
   - ❄ Due to possible contact with liquid oxygen, it is essential to maintain high level of cautiousness, wear proper fire safety precautions, and in particular, avoid contamination with oils, lubricants, etc.
   - ❄ During transportation, the container should be secured against falling.
   - ❄ Smoking should be strictly prohibited in all rooms where liquid nitrogen is utilised or stored, and what is more it should also be forbidden to enter these spaces with open fire.

4. First aid
   - ❄ In case of contact between the body and liquid nitrogen or surface with temperature of liquid nitrogen, the following should be done:
     - ➢ prevent further contact with cryogenic liquid or cooled surface
     - ➢ immediately rinse the surface of the body that came in contact with liquid nitrogen with large amount of cold water.

NOTICE

Temperature of water used to rinse the body should not exceed +44°C, it

is also not allowed to massage frozen parts of the body.

- ❄ In case of befuddlement or loss of consciousness due to lack of oxygen superseded when significant amounts of liquid nitrogen were evaporated, proceed as follows:
  - ➢ take the victim outside,
  - ➢ when the injured person is unconscious, begin resuscitation and immediately call a doctor.

8. Technical data

Cooling agent	liquid nitrogen
Nitrogen vapour stream temperature at nozzle outlet	-160˚C
Time required to reach full cooling power (from the moment when heating element is activated)	between 25 and 55 seconds
Power consumption	500W
Supply voltage and frequency of the current	230V ~50 Hz
Protection class and type of protection	I, B

	KRIOPOL R 26	KRIOPOL R 30	KRIOPOL R 35	KRIOPOL R 60
Capacity of liquid nitrogen container (in l)	26,0	30	33,6	60
Capacity of liquid nitrogen container (in kg)	20,8	24	26,9	48
Width	460	460	520	520
Length	580	580	660	660
Height with power cord (approximately)	1200	1200	1100	1300

9. Principle of operations and construction

The container (6 Fig. 2) is filled with liquid nitrogen. After activating the heating element in the head of the device the liquid nitrogen begins to evaporate intensely. The difference between pressure in the container and atmospheric pressure causes outflow of nitrogen vapours from the container and their passage through feeding line (5 Fig. 2).

Control panel (1 Fig. 2) is fixed on mobile frame of the device (3 Fig. 2).

Fig. 2 Structure of the device
1. Control panel
2. Holder for the removed head
3. Mobile frame
4. Head feeding cable
5. Power line
6. Liquid nitrogen container
7. Holder for the feeding line nozzle

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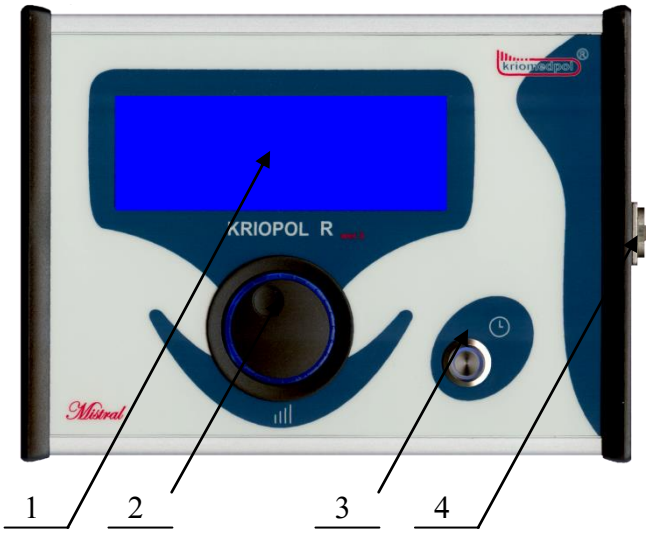

Fig. 3 Front panel
1. Multifunctional LCD display
2. Multifunctional knob
3. Clock reset
4. Head socket

Fig. 4 Backside of the control panel
1. Integrated power module (power line cord, 2 X WTA-T 3.15 A fuses and main switch).
2. Speaker hole (inserting any objects into this orifice shall damage the speaker).
3. Scale and frame backlight socket.

10. Configuration of the device

The device has several settings that can be individually adjusted by each user to meet user requirements. Configuration set by the user is saved in memory of the appliance.

In order to change settings, please press "clock reset" button (1 Fig. 5) when the device is turned off. When holding the button activate the

device with the main switch (2 Fig. 5).

Fig. 5 Activating the setting configuration mode.
1. Hold button 1
2. Turn on the main switch 2

When the following message appears on the LCD display (1 Fig. 3), release the "reset" button.

```
Prosze puscic guzik

KRIOPOL R wer.3.2.1
```

After releasing the button the message will disappear and the following screen will be seen.

```
zegar
kalibracja
panel
<<< zatw >>> <stop>
```

Within this mode keys have new functions:

- Knob (2 Fig. 3) – <<< >>> setting marking for subsequent function
- Switch on the knob (2 Fig. 3) – <confirm> confirming the marked function (calibration, panel, LCD backlight, pulsation, power regulation, speech, volume, clock)
- Clock resetting button (3 Fig. 3) – <stop> exit to operating mode

The main menu allows selecting the following functions:

kalibracja	scale calibration
panel	type of Plexiglas panel illumination
podsw. LCD	LCD backlight
pulsacja	pulsating airflow setting
reg.mocy	setting step or variable power regulation
glos	type of speech
glosnosc	volume of voice messages
zegar	possibility to deactivate time messages
akupunktura	turning on/off acupuncture range

They are displayed subsequently with each turn of the knob, and pressing the knob enables entering the setting of each function.

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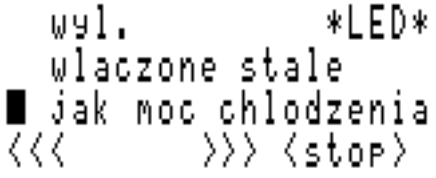
Scale calibration

Scale calibrating menu enables calibration of nitrogen amount displayed on the panel.
Marking next to the word <min> determines weight at which the first mark within the line indicating nitrogen level is illuminated.
In an analogous manner, when the marking is next to the word <max> it determines weight at which the last mark in the line indicating nitrogen level is illuminated.
XXX – saved <min> value
YYY – current value of the scale
(the difference may equal ± 15, yet it does not affect further indications)
ZZZ – saved <max> value

In case when it shall be necessary to correct indications of nitrogen amount, it should be done in the following manner:
1. setting <min>
   - **When the signal indicating lack of nitrogen** is activated when the device is operating
   - Make sure that the head with the feeding hose is properly fixed
   - Enter settings
   - Enter calibration
   - With the word <min> marked press the knob on <confirm>
   - Check whether XXX value corresponds YYY value
   - Exit calibration by pressing <stop>
   - Exit settings by pressing <stop>
2. setting <max>
   - **After filling the container to the maximum level**
   - Make sure that the head with the feeding hose is properly fixed
   - Enter settings
   - Enter calibration
   - Turn the knob until the mark reaches the word <max>
   - With the word <max> marked press the knob on <confirm>
   - Check whether ZZZ value corresponds YYY value
   - Exit calibration by pressing <stop>
   - Exit settings by pressing <stop>

Panel illumination

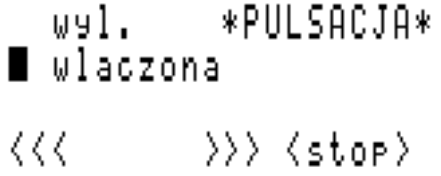


Panel illumination menu allows selecting deactivation, permanent activation or activation of panel illumination solely when the device is operating. When selecting the illumination corresponding to cooling power, the intensity of illumination changes together with set cooling power of the device.

LCD backlight

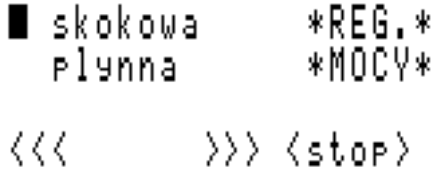
LCD backlight menu enables to set LCD backlight, according to individual requirements, from completely turned off to full brightness. The backlight can be changed with knob <<< >>> - darker - lighter. When the <stop> key is pressed, the device saves the current backlight setting.

Pulsating airflow setting



Pulsation airflow setting menu provides the chance to select deactivation or activation of the possibility to select pulsating airflow function during operating mode. Pulsating modes are only available with step power regulation.
With activated pulsating airflow function when the device is operating, each turn of the power adjusting knob below 1 (2 Fig. 3) results in setting further cooling powers with pulsating modes.
With deactivated pulsating airflow function when the device is operating "pulsation 1" and "pulsation 2" functions are unavailable. In this case turning the knob (2 Fig. 3) allows setting further cooling power from 1 to 4.

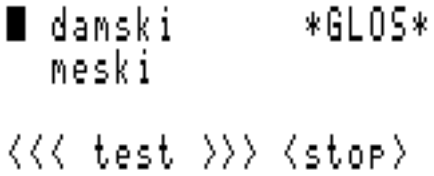
Power regulation



Power regulation menu enables the user to set step or variable power adjustment. Selecting step regulation makes it possible to additionally

activate or deactivate pulsating modes. When variable regulation is selected, these modes are not available.

Speech



Speech menu provides the possibility to select a female or male voice.
Voice messages confirm pressing keys, as well as signal the passage of time every 30 seconds, until 5 minutes and 30 seconds shall pass, while when the procedures last longer voice messages shall not be played at all.

Message volume

The user can set volume of voice messages in message volume menu. Turning the knob can change subsequent volume grades. Pressing the knob on <test> results in playing the voice message with a set volume. By pressing the <stop> key the user saves the current volume level and exits to setting menu.

Clock

Clock menu enables to activate or deactivate playing voice messages informing about the passage of time. When the messages are activated, they are being played every 30 seconds, until 5 minutes pass. When longer indications are selected, voice messages shall not be played at all.

Acupuncture

Crioacupuncture cooling range may be turned on/off in acupuncture menu. Within this range nitrogen steam jet is smallest and it is necessary to screw on a small diameter tip.
Upon completion of work, screw off the tip, it must not be used within other ranges.

11. Repair conditions

All repairs, both the ones performed during the warranty period, as well as the ones performed during the post-warranty period, shall be executed by the manufacturer, namely **KRIOMEDPOL Sp. z o.o**.
The manufacturer allows the user to change external fuses.

In order to change damaged external fuse, the following should be done:

- Turn the device off with the main switch.
- Take the outlet plug out of the socket.
- Disconnect the panel supply cord (socket 1 in Fig. 4)
- Disconnect the cover backlight cable (socket 2 in Fig. 4)
- Disconnect the head plug (socket 4 in Fig. 3)
- Unscrew the panel from the mobile frame
- Take a flat-head screwdriver to prise the fuse cover (socket 1 in Fig. 4)
- Take the cover with fuses out of the socket
- Put a new fuse in place of the damaged one

After exchanging the fuse, perform all actions related with assembling the device in a reversed manner in order to reach the initial status.

NOTICE
Use only new WTA-T 3.15 A fuses. Any attempts to repair fuses or attempts to use fuses with other nominal value may lead to serious damage of the device.

"CAUTION: In order to avoid electric shock hazard, the device should be connected only to the mains with protective earthing."

"CAUTION: The device cannot undergo any modifications without authorisation granted by the manufacturer."

"CAUTION: The device may be operated solely by people trained by people authorised by **KRIOMEDPOL Sp. z o.o.**"

"CAUTION: The device needs to be connected to power socket in a place enabling immediate and easy manner of taking out the power plug."

"CAUTION: Quick evaporation of large amounts of liquid nitrogen in a non-ventilated space leads to oxygen superseding or change in the air content, which may cause befuddlement or even loss of consciousness."

12. Disposal

On 04.02.2009 **KRIOMEDPOL Sp z o.o.** concluded a contract with KARAT Elektrorecykling Sp. z o.o., KRS number 0000290333 for recycling waste products.

The user shall be obliged to submit utilised device to the appointed entity collecting and recycling electrical and electronic waste.

By ensuring proper disposal the user helps protect natural environment.

When discarding this type of appliances please follow local regulations or contact the manufacturer.

Submit all used components of the device to proper entities collecting electrical or electronic waste, or establish a manner of proceedings with **KRIOMEDPOL Sp. z o.o.**