

POCKET MAGNETER



USER MANUAL

Instructions

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**ATTENTION: READ CAREFULLY THE
INSTRUCTIONS BEFORE USE**

Cap.1 – PRESENTATION

POCKET MAGNETER belongs to a new generation of electromedical instruments for physiotherapy. Its main characteristics are its reduced dimensions, its ease of use and its versatility.

1.1 – What is POCKET MAGNETER

Thanks to the constant investigation and research we created a new system for magnetotherapy, our POCKET MAGNETER. Through the preset programs and its innovative software, magnetic fields are created for therapeutic purpose and for the treatment of common pathologies (lesions, accidents, illnesses). The device offers free memory in order to customise free programs. It's an extremely innovative product thanks to its technological features and its ease of use.

1.2 – What is POCKET MAGNETER for ?

With POCKET MAGNETER it is possible to apply magnetic fields with beneficial effects on the reconstruction of the bone tissue and, in general, on the regeneration of damaged tissues. Also, it can be used to obtain analgesic, anti-inflammatory and anti-edema effects. Protocols and parameters can be adjusted to the patient's response to the therapy.

1.3 – Who can use POCKET MAGNETER ?

POCKET MAGNETER expresses its own potential in the medical field (physiotherapy particularly). Nevertheless, thanks to its ease of use and versatility, it can be used not only by physicians and therapists, but also from whoever desires to use it at home.

**Do not use the product in high-temperature and humid environments.
Follow your doctor's indications for using the device at home.**

Cap.2 – INDICATIONS AND CONTRAINDICATIONS

2.1 – Indications

The magnetic fields can treat the most common pathologies, mainly the ones related to the bone system and joints. They are especially suitable in the treatment of:

- Recent fractures;
- Pseudarthrosis, arthrosis, arthritis;
- Inflammatory and degenerative arthropathies;
- Osteoporosis;
- Cicatrizations, bedsores;
- Edemas, arteropathies
- Psoriasis

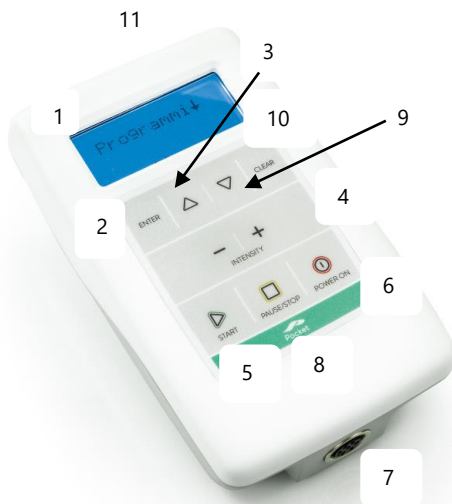
Follow the diagnose and advice of your doctor.

2.2 – Contraindications

The side effects of the magnetic fields are the same as the ones of physical therapies that act with the endogenous production of heat:

- presence of metallic fragments;
- neoplasms (tumors);
- tuberculosis
- acute inflammation;
- cutaneous lesions;
- sensitivity alteration;
- pace-maker;
- pregnancy;

Cap.3 – OPERATIONS



1 - Display LCD

2 - ENTER: selection confirmation

3 - Cursor up

4 - (+)/(-) : intensity regulation

5 - START: begin the program

6 - (I) = ON/OFF

7 - Cable Output

8 - PAUSE STOP: interruption

9 - Cursor down

10 - CLEAR: delete / go back

11 – Output for feeder

NOTE: before applying the magnetotherapy, check the side effects and consult a physician.

3.1 – Solenoids' connection and application

Connect the cable of the solenoids to the output of the device. Insert, rotate and tighten the connector into the output. Solenoids must be placed on the area to be treated (they can be applied on the top of stockings or cloths) and can be fixed with the elastic straps (please refer to Chap. Applications)

NOTE: the plain blue side on the solenoids must be placed in contact with the area to be treated

NOTE: All pictures of the Chap. Applications are for illustration only. Actual product may vary

POCKET MAGNETER can be used with battery or with power supply (230V).

3.2 – Turn on the device

To turn on the device, press the key (I) - ON/OFF. On the display are shown: name of the company, model type, software version and PROGRAMS:

- Press ENTER to access to preset programs (see Chap. Preset Programs) or
- Press CURSOR DOWN and ENTER on Free Prog. to access to free programs (see Chap. Free Programs)

3.2.1 - Preset programs

From **Programs** you can get to preset programs Menu; select the program with ARROW DOWN/UP and confirm with ENTER.

3.2.2 - Free Programs

From **Free Prog** you can get to free programs Menu. Press ENTER when the cursor is on “- - - - -” to run different new therapy sequences with customized parameters (see Chap. Free programs).

3.2.2.1 - Memorized free programs

In the **Free Prog** Menu you can find also the memorized free programs. Select and confirm with ENTER one of the memorized programs and after select one of the followings options:

- **Start + ENTER** (to begin the program);
- **Edit + ENTER** (to modify the parameters and/or the phases);
- **Delete + ENTER** (to cancel the program and release memory);

3.3 – Start of the therapy

Once the program has been selected with ENTER, press **START** button to begin the therapy. The frequency (Hz), intensity (Gauss) and time are already set but you can manually change INTENSITY and TIME during the treatment. The FREQUENCY cannot be changed.

NOTE: if you press START and the solenoid is not inserted in the instrument, the stimulation stops and the message "**SOLENOID/ INS HEAD**" is shown; when the solenoid is connected the therapy starts automatically.

Cap.4 – PRESET PROGRAMS

For long time, Magnetotherapy is being used to treat different pathologies such as chronic pathologies, joint diseases, edemas etc.

4.1 – Preset programs' list

POCKET MAGNETER has 68 different preset programs, as listed below:

Preset Programs

Pathology	Program	N. on display	Name on Display
Bone Pathologies	Fractures	1	Fractures
	Recent Fractures	2	Recent Fr.
	Fractures (minor articulations)	3	Fractur.SJ
	Fractures (major articulations)	4	Fractur.BJ
	Consolidation delay	5	Cons.delay
	Initial pseudo-arthritis	6	I.pseudoar
	Advanced pseudo-arthritis	7	A.pseudoar
	Initial Osteoporosis	8	I.osteopor
	Advanced Osteoporosis	9	A.osteopor
Joint pathologies	Arthritis	10	Arthritis
	Periarthritis	11	Periarthr.
	Arthropathies	12	Arthropat.
	Arthrosis of minor articulations	13	Arthros.SJ
	Arthrosis of major articulations	14	Arthros.BJ
	Coxoarthrosis	15	Coxoarthr.
	Chronic coxoarthrosis	16	Chr.coxoar
	Chronic heel sprain	17	C.heel sp.
	Acute heel sprain	18	A.heel sp.
	Knee sprain	19	KneeSprain
	Dislocation	20	Dislocat.
	Twisted neck	21	Twist.neck
Whiplash	22	Whiplash	
Muscular injuries	Local bruises	23	Loc.bruis.
	Diffuse bruises	24	Dif.bruis.
	Muscle contractures	25	Musc.contr
	Muscle strains	26	Mus.strain
	Myositis	27	Myositis
	Multiple sclerosis	28	Mul.scler.

Tendon pathologies	Tenonitis	29	Tenonitis
	Tenovaginitis	30	Tenovagin.
	Carpal Tunnel	31	Carp.Tunn.
	Bursitis	32	Bursitis
	Chronic epicondylitis	33	C.epicond.
	Acute epicondylitis	34	A.epicond.
	Foot tenonitis	35	Foot tenon
Nervous System injuries	Cervical	36	Cervical
	Chronic lumbago	37	C. lumbago
	Acute lumbago	38	Ac.lumbago
	Sciatalgia	39	Sciatalgia
	Head neuralgia	40	Head neur.
	Body neuralgia	41	Body neur.
Skin alterations	Paresis	42	Paresis
	Skin lesions	43	Skin les.
	Local bed sores	44	L.bed sor.
	Diffuse bed sores	45	D.bed sor.
	Acne	46	Acne
	Psoriasis – Eczema	47	Psor. Ecz.
	Scars	48	Scars
	Dermatitis	49	Dermatitis

Abdomen pathologies	Urogenital illnesses	50	Uro.illnes
	Urogenital inflammations	51	Uro.inflam
	Prostatitis	52	Prostatitis
	Menstrual problems	53	Menst.prob
	Gastritis	54	Gastritis
	Haemorrhoids	55	Haemorrh.
	Ulcerous colitis	56	Ulcer.col.
Various pathologies	Nephritis	57	Nephritis
	Arteriopathies	58	Artheriop.
	Migraine - Headache	59	Migr.Head.
	Bronchial asthma	60	Br.asthma
	Toothache	61	Toothache
	Cold hands	62	Cold hands
	Diabetes	63	Diabetes
	Adiposity	64	Adiposity
	Cellulitis	65	Cellulitis
	Stress	66	Stress
	Depression	67	Depression
Vertigo	68	Vertigo	

4.2 – Program selection

In order to use the preset programs correctly, follow the advice and prescription of your doctor.

Programs description

BONE PATHOLOGIES	
NAME ON DISPLAY	DESCRIPTION
Fractures - 35 min	Treatment for bony hardening in case of fractures.
Recent Fr. - 45 min	Treatment to consolidate the bony fabric in case of recent fractures.
Fractur.SJ - 40 min	Treatment for the consolidation of the bony fabric in case of fractures to load of the small articulations.
Fractur.BJ - 60 min	Treatment for the consolidation of the bony fabric in case of fractures to load of the great articulations.
Cons.Delay - 60 min	Treatment for the consolidation of the bony fabric in case of delays in the consolidation of the bony fabric.
I.Pseudoar. - 45 min	Treatment for the pseudoarthrosis in the initial stadium.
A.Pseudoar. - 55 min	Treatment for the pseudoarthrosis in the stadium advanced or chronic.
I.osteopor -50 min	Treatment for the osteoporosis in the initial stadium.
A.osteopor - 60 min	Treatment for the osteoporosis in the advanced stadium (risk fractures).
JOINT PATHOLOGIES	
NAME ON DISPLAY	DESCRIPTION
Arthritis - 35 min	Treatment for the arthritis to the small and great articulations.
Periarthr. - 25 min	Treatment for the periarthritits (pains of shoulder, unstable shoulder, etc.).
Arthropat. - 45 min	General treatment for the arthropathologies.
Arthros.SJ - 35 min	Treatment for the arthrosis of the small articulations.
Arthros.BJ - 50 min	Treatment for the arthrosis of the great articulations.
Coxoarthr. - 40 min	Treatment for the arthrosis of the articulation of the hip.
Chr.coxoar - 50 min	Treatment for the chronic arthrosis of the articulation of the hip.
C.heel.sp. - 35 min	Treatment of the chronic distorsions of ankle; it stimulates the normalization of the local metabolism.
A.heel sp. - 45 min	Treatment of the acute distorsions of ankle; it stimulates the reduction of the inflammation provoked by the trauma.
Knee sprain - 55 min	Treatment of the distorsions to the knee; it stimulates the normalization of the local metabolism and the reduction of the pain.
Dislocat. - 60 min	Treatment of the dislocations; it stimulates the normalization of the local metabolism and the reduction of the pain.
Twist.neck - 35 min	Treatment of the twisted neck; it stimulates the normalization of the local metabolism and the normalization of the muscular fibers at the base of the neck.
Whiplash - 40 min	Treatment of the hit of whip; it helps to decontrol the cervical column and to decrease the local pain.
MUSCULAR INJURIES	
NAME ON DISPLAY	DESCRIPTION
Loc.brui. - 45 min	Treatment of the muscular edemas located following bruises
Dif.brui. - 60 min	Treatment of the diffused muscular edemas following bruises

Musc.contr - 40 min	Treatment of the muscular contractures
Mus.strain - 50 min	Treatment of the muscular tears
Myositis - 60 min	Treatment of the myositis
Mul.scler. - 40 min	Treatment of the multiple sclerosis

TENDON PATHOLOGIES

NAME ON DISPLAY	DESCRIPTION
Tenonitis - 30 min	Treatment inflammations to load of the wide and flat tendons (ex. achillis tendon).
Tenovagin. - 35 min	Treatment inflammations to load of the sinovial scabbard of the long tendons (ex. fingers of the hands).
Carp.Tunn. - 25 min	Treatment inflammations of the tendons of the inside forearm and the wrist (syndrome of the carpal tunnel).
Bursitis - 40 min	Treatment inflammations to load of the sinovial purses situated between tendons and bones.
C.epicond. - 30 min	Treatment chronic inflammations to load of the insertion of the muscles of the external forearm on the elbow (the tennis player's elbow)
A.epicond. - 40 min	Treatment acute inflammations to load of the insertion of the muscles of the external forearm on the elbow (the tennis player's elbow)
Foot tenon - 30 min	Treatment tendineous inflammations of the foot (back, plants).

NERVOUS SYSTEM INJURIES

NAME ON DISPLAY	DESCRIPTION
Cervical - 50 min	Treatment of the cervical pains; it stimulates the normalization of the local metabolism and the reduction of the pain.
C.lumbago - 45 min	Treatment chronic lumbago; it stimulates the reduction of the inflammation with the normalization of the local metabolism.
A.lumbago - 55 min	Treatment of the acute lumbago; it stimulates the reduction of the inflammation with the normalization of the local metabolism.
Sciatalgia - 60 min	Treatment of the sciatalgia or lombosciatalgia; it reduces the to propagate him some inflammation in the lower limb.
Head neur. - 20 min	Inflammations of nerves of the head and, particularly, of the face.
Body neur. - 45 min	Inflammations of nerves of the body (especially inferior limbs).
Paresis - 35 min	Treatment for paresis to favor the nervous control of the stricken zones

SKIN ALTERATIONS

NAME ON DISPLAY	DESCRIPTION
Skin les. - 40 min	Treatment of the cutaneous lesions
L.bed sor. - 45 min	Treatment of the located bedsores
D.bed sor. - 60 min	Treatment of the diffused bedsores
Acne - 30 min	Treatment of the acne
Psor. Ecz. - 35 min	Treatment of psoriasis and eczemas.
Scars - 40 min	Treatment of the scars
Dermatitis - 35 min	Treatment of the dermatitis

ABDOMEN PATHOLOGIES

NAME ON DISPLAY	DESCRIPTION
Uro.illnes - 45 min	Treatment of the urogenital illnesses
Uro.inflam - 55 min	Treatment of the urogenital inflammations
Prostatitis - 40 min	Treatment of the prostatitis
Menstr.prob - 50 min	Treatment of the menstrual problems

Gastritis - 45 min	Treatment of the gastritis
Haemorrh. - 45 min	Treatment of the hemorrhoids
Ulcer.col. - 40 min	Treatment of the ulcerous colitis
Nephritis - 50 min	Treatment of the nephritis (renal problems)
VARIOUS PATHOLOGIES	
NAME ON DISPLAY	DESCRIPTION
Arteriop. - 60 min	Treatment of the problems of circulation
Migr.Head. - 30 min	Treatment of migraine and headache
Br.asthma - 55 min	Treatment of the bronchial asthma
Toothache - 30 min	Treatment of the dental pains
Cold hands - 50 min	Treatment of the Raynaud syndrome or cold hands
Diabetes - 60 min	Treatment of the diabetes
Adiposity - 50 min	Treatment of the adiposity or elevated accumulation of fats
Cellulitis - 60 min	Treatment of the cellulitis
Stress - 60 min	Treatment of the stress
Depression - 55 min	Treatment of the depression
Vertigo - 45 min	Treatment of the dizziness

4.3 – Setting the intensity

The intensity can be set with the keys (+)(-), pressing more times or holding up to reach the desired power. The minimum increase of intensity is 1G and the maximum intensity depends on the accessory used.*

NOTE: in case of pain or elevated heating of the treated zone, decrease the intensity with the key (-) or interrupt the therapy

NOTE: the device recognises the type of endowed accessory (if others are used, the message “solenoid” or “Ins Head” appears).

* The max. intensity varies as follows:

- Mattress: 400G
- Pillow: 200G
- Magneto Belt: 200G

4.4 – Setting timing

It is possible to increase the duration of the program (timer) to perform a longer treatment (few hours or nighttime, for a maximum of 8 hours). To set the time, press ARROW DOWN/UP of channel 2.

NOTE: modification to intensity (G) and time in preset programs can only be performed when the therapy is running. Once the therapy ends, the modification are not saved.

4.5 – End / interruption of the session

If you want to stop the device before the program ends, press the key **PAUSE STOP**: once for a break (to continue press **START**); twice to stop the program and to get back to selection Menu.

4.6 – Turning off the device

To turn off the instrument press and hold the key **(I) ON/OFF** for some seconds. After the end of a program, if the device is not used again, it automatically turns off after a few minutes.

Cap.5 – FREE PROGRAMS

The free programs can be used for the creation of new therapies or aesthetic treatments (up to 20) with the desired parameters.

5.1 – Setting

Access to Free Prog. and confirm with ENTER. To save a new program, choose "-----" and confirm with ENTER. You get into the Phases setting: select one Phase with the keys ARROW UP / ARROW DOWN (always begin from Phase 1) and confirm with ENTER to access to the parameters' setting. Every parameter can be selected with ARROW UP / ARROW DOWN and the value with the keys (+)/(-). The available values for the parameters of the free programs are in the following chart.

NAME ON DISPLAY	PARAMETER	AVAILABLE VALUES
Emis.	Impulse wave form	Sin. (sinusoidal) Rett (rectangular)
Freq.	Frequency	1-100 step 1 Hz
Mod.	Frequency modulation	CONT./1/2, 1/5, 1/10
Inten	Preset intensity	1-100%
Time	Program Duration	1-60 minutes
Stop	Phase interruption	YES/NO

*Intensity is expressed in %.

Solenoids (max intensity 120G): 1% is 1,2G and 100% is 120G.

If other accessories are connected, 100% corresponds to:

Pillow/magneto belt: 200G

Mattress: 400G

NOTE: to realize longer therapies (some hours) set more phases to reach the desired time (max 60 minutes per 4 Phases = 4 hours max).

The last option of the parameters Menu is **End**. Confirm with **ENTER** to save the parameters' setting and go back to the Menu of the Phases; now it is possible to set the following Phase or go down with ARROW DOWN and choose one of the following options:

- **Save + ENTER** - to save the program and set the desired name (up to 10 characters), choosing the letter with the keys + and - and moving the cursor on the following letter with the keys Arrow On / Arrow Down'. At the end press ENTER to memorized the set parameters;
- **Start + ENTER** – to begin the program;
- **Quit + ENTER** – to exit from setting without save the program.

5.2 – Use and modify a free program

A memorized free program can be used as a normal preset program and after modified following the evolution of the treatment or deleted to release the memory. To access the free memorised programs, from the selection Menu press **ENTER** on **Free Prog** and choose the program with the keys **ARROW UP / ARROW DOWN**, always confirming with **ENTER**.

5.3 – Symbols on display



ERROR: wrong operation



BATTERY: charge level



MAINS feeding



Connected solenoid



Rectangular magnetic field



Sinusoidal magnetic field

Cap.6 – APPLICATIONS

6.1 – Therapy planning

You can perform the therapy every day, following your medical prescription, until improvement is reached. You can perform the therapy two or three times per day, with 2-3 hours of break between sessions and a max. of 8 hrs per day. If the problem persists, please consult your doctor.

6.2 – Position to be maintained during the sessions

Maintain a relaxed position during each session. Depending on the area of application, the body is lying supine or prone. The position must be maintained during the whole session to facilitate the effects produced by the magnetic field, particularly the increased blood flow, consequence of the induced heating in the treated zone.

Examples of applications with SOLENOIDS



Fig.1: Cervical problem



Fig.2: Shoulder - front



Fig.3: Shoulder - back



Fig.4: Sternum



Fig.5: Intercostal pain



Fig.6: Elbow



Fig.7: Wrist



Fig.8: Hands



Fig.9: Fingers



Fig.10: Hips



Fig.11: back – upper part



Fig.12: back – lower part



Fig.13: back + femur



Fig.14: Sacrum area



Fig.15: Hips - lateral

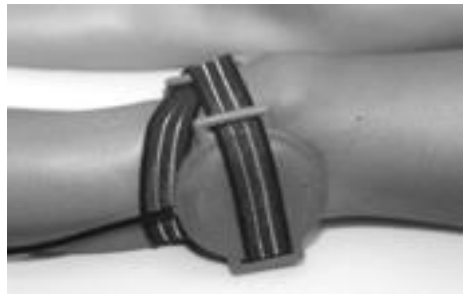


Fig.16: Knee - lateral



Fig.17: Knee – front/back



Fig.18: Tib-Fib



Fig.19: Ankle



Fig.20: Feet



Fig.21: Heel

Apply the solenoids with the blue part in contact with the body. They can be used in pair or individually (in case the area to treat is a small one). They can be used one facing the other (to intensify the effect on the area) or next to the other.

NOTE: the intensity (Gauss) of the programs is calculated with both solenoids. If only one is used, intensity is reduced by the half.

Examples of applications with optional accessories

MAGNETO BELT (25x67) cm



Fig.1: Shoulder



Fig.2: Elbow



Fig.3: Hands



Fig.4: Knee

The MAGNETO BELT can be used open on the area to treat or wrapped on the area.

PILLOW (50x50) cm



Fig.5: Head / neck / shoulder



Fig.6: back/ hips



Fig.7: Knees / legs



Fig.8: Ankles / feet

The Magneto Belt and the pillow can be used on each side, as magnetic fields are developed on both of them.

_____ MATRESS FOR MAGNETOTHERAPY (160X60) cm _____



Fig.9: whole body

The mattress can be used on each side, as magnetic fields are developed on both of them.


It is recommended to keep the cable outlet on the head's side.

It is recommended to place the mattress between the sleeping mattress and the sheets, to avoid direct body contact.

Read carefully the contraindications before using.

Cap.7 – POWER SUPPLY

POCKET MAGNETER can be powered from AC mains with the endowed power supply or from the internal rechargeable battery Ni-Mh 6V – 2,4Ah, with an autonomy of some hours under normal use conditions. The guaranteed autonomy may change depending on the program, intensity and time of application.

 For the correct identification of battery and power supply, consult the Chap. "Technical features". Neither the power supply nor the battery must be replaced from not experienced staff. Do not use spare parts which are not provided or approved by the manufacturer.

7.1 – Charge indication

When POCKET MAGNETER is powered by the internal rechargeable battery, the symbol displayed on the display is: "■".

■ - battery charged

□ - empty battery

"▣" – mid charge battery

When the empty battery icon is displayed, please charge the device. If not, the device will emit acoustically a sound to notify the state of battery, and then will automatically turn off.

7.2 – Battery recharge

To recharge the battery of POCKET MAGNETER:


- Turn off the device
- Plug the device in with the power supply.
- Leave the device charging (on the display the battery icon will blink while charging). When full charge is completed (approx. 3 hours), the battery charged icon will appear (Once in a while we recommend leaving the device charging for 8-10 hours)
- Disconnect the power supply

7.3 – Battery maintenance

The life of a rechargeable battery depends on the number and type of cycles of charge / discharge. If the device is not used, it must be RECHARGED AT LEAST ONCE PER MONTH, under penalty of forfeiture of the guarantee on the battery. To prolong the life of the battery we recommend discharging it completely (see empty battery symbol) before the recharging and running a full recharge of 8-10 hours from time to time.

7.4 – Battery replacement

When the battery's life is significantly lower than it used to be, we recommend replacing it. For this, please refer to an authorized Centre of Assistance

 Never reverse the polarity of the connections of the battery, not to cause the destruction of the electronic circuits.

7.5 – Precautions for use

- (1) Do not throw the exhausted battery with the ordinary wastes. Please take them to the corresponding collection site.
- (2) Do not manipulate/ throw the battery into a fire.
- (3) Do not short-circuit the terminals.
- (4) Avoid sparks or flames, above or around the battery.
- (5) in case of direct contact with liquid leaking from the battery, wash immediately with water.
In case of direct contact with eyes, wash abundantly with water and consult immediately a doctor.

Cap.8 – MAINTENANCE

8.1 – Solenoids, band, pillow and mattress

The connection's cable must be periodically revised to check the possible presence of cracks, possible cause of dispersion of the magnetic fields. Clean the solenoids with a damp cloth.

8.2 – Device and power supply

We recommended cleaning the device and power supply with a damp cloth. Don't use in any liquid, because these devices are not liquid proof (IP20).



8.3 – Power supply replacement

Check periodically the level of wear of the power supply before connecting it. If it's damaged, also only partially, replace immediately the power supply.
If damaged, even only partially, immediately replace it.

8.4 – Immediate maintenance

Immediate maintenance must be performed by New Age Italia or authorized staff if one of the followings occurs:

- external mechanical stress (eg. serious falls);
- strong overheating (eg. if the device has been left close to sources of intense heat);
- some liquids may have been penetrating the device;
- the power supply, or other parts of the device are damaged, broken or missing;
- the functionality of the instrument seems altered.

<p> Use the device with the endowed accessories only</p> <p> Run every year a secur-tester to check the device following the legislation EN60601-1. The useful life of the device is guaranteed only if such maintenance is regularly performed.</p>

PLEASE NOTE: we recommend having the device checked by New Age Italia directly or through the authorized retailer where the product has been purchased.

Assistance:

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Cap.9 – WARNINGS

- Pay attention and use carefully the device with solenoids, not to compromise the effectiveness of the treatment.
- Make sure that the electric system is in conformity with the actual safety norms.
- The instrument has degree of protection IP20 (see Chap. "Technical features"). Do not use it close to liquids, because it's not liquid proof.
- Do not use close to cellular telephones (maintain at least one meter of distance).
- The stability of the emission can be affected when operating close (less than 1 meter) to an instrument with short waves therapy or microwaves.
- Do not use with the presence of devices to monitor the patient's vitals
- Do not connect simultaneously the patient with the POCKET MAGNETER and with a surgical instrument High Frequency, to avoid dangers for the patient and for the instrument.
- The device works accordingly to its specifications if the environment is maintained to a temperature between the 5° and the 40° C and with humidity inferior to the 80%. The same conditions must be maintained during transportation and the storage.
- In case of malfunctioning, do not use and request service of reparation.
- Do not operate in proximity of inflammable substances.
- Use only gels and accessory that are endowed with the device.
- It's important to inform the patient on the type of sensation they will experience during the therapy. In case the patient perceive a different sensation, it is important to stop the treatment and to remove the solenoids.
- If the intensity is causing overheating or pain in the treated zone, it is necessary to reduce immediately the intensity of stimulation or eventually interrupt the treatment.
- Keep away from children.

Cap.10 – TECHNICAL FEATURES

10.1 – Power supply

Power supply: Mean Well – PRI 230V~ 50Hz SEC: 12V- 1,4A

Battery: rechargeable battery Ni-MH 6V-2.4 Ah

10.2 – Output features

Max intensity of magnetic induction (B)

Pair of solenoids: 120 Gauss

Magneto Belt/ Pillow: 200 Gauss

Mattress: 400 Gauss

Frequency (f): 1-100 Hz

Frequency modulation: continue / modulated ON/OFF (1/2, 1/5, 1/10)

Modulation wave form: rectangular, sinusoidal

10.3 – Other features

➤ Dimensions: 175x105x40h [mm]

➤ Weight: 400 [g]

➤ Class: II Type: BF

➤ Liquid Ingress protection code: IP20

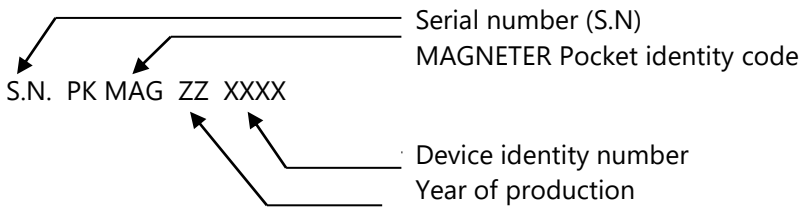
➤ Safety in presence of flammable anaesthetic gas: it's not AP or APG category

➤ Type of operation of the device: continuous

Built according to the rules:

- EN 60601-1 (1998) – Electromedical devices: Safety General rules
- EN 60601-1-2 (1998) – Collateral norm: Electromagnetic compatibility - Prescriptions and tests
- EN 60601-1-4 (1997): Collateral rule: electromedical programmable systems
- EN 60601-2-5 (2001) – Electromedical devices: particular rules for the safety of the equipments of magnetotherapy
- IEC 601-2-10 (1987) – Electromedical devices: particular rules for the safety of neuromuscular stimulators.
- CEI 62-84 (1997) – Symbols for electromedical devices
- EN60601-1-1 (2002): Collateral rule: Safety prescriptions for electromedical systems.

LABEL on the DEVICE:



Cap.12 – SYMBOLS



CLASSE II DEVICE



BF TYPE DEVICE



ATTENTION, CONSULT THE ATTACHED DOCUMENTATION



THIS DEVICE IS CE MARKED ON CEE NORM 93/42 No. 0476.

Cap.13 – ENDOWMENT OF BASE / ACCESSORIES

POCKET MAGNETER is furnished with an endowment of base for the principal applications. To effect other types of applications or to replace material consumed or finished it is possible to purchase some accessories apart.

13.1 – Endowment of base

Device

Power supply

N.1 pair of solenoids

N.2 elastic bands

Instructions

Carrying case

13.2 – Accessories and consumed materials

1 pair of solenoids

Elastic bands

Pillow cm 50x50

Matress cm160x60

Cap.14 – BIBLIOGRAPHY

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