



MEDI PHARON 5

FOR TREATING TRAUMAS AND DISORDERS OF
OSTEOARTICULAR AND MUSCULAR ORIGIN



- CAPACITIVE AND RESISTIVE DIATHERMY
- PULSED, AUTOMATIC AND
AUTOMATIC PULSED MODES
- TRANSDERMAL VEHICULATION



MEDI PHARON 5

HIGH LEVEL THERAPEUTIC TREATMENTS

Medi Pharon 5 is the innovative electro-medical device of last generation for the capacitive and resistive diathermy, which allows **treatment of high therapeutic level**.

Compact and powerful, **Medi Pharon 5** is effective to accelerate the recovery of most of the problems in physiotherapy: sprains, pulled muscles, tendinitis, osteo-articular distraction, and in general all traumas and diseases of osteo-articular and muscle origin, both in acute and chronic phase.

It is a **complete and flexible device**, equipped with **innovative features** that support therapist and ensure the best treatment for the patient.

ADVANCED SYSTEM
TO ACHIEVE
MAXIMUM RESULT





CAPACITIVE AND RESISTIVE DIATHERMY PROVEN EFFECTIVENESS

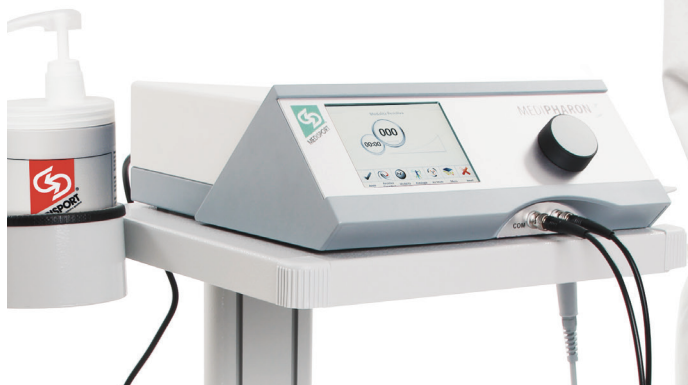
Medi Pharon 5 technology is based on diathermy, or rather on the **resistive** and **capacitive** energy transfer, whose efficiency is proven by several medical researches and scientific studies.

Diathermy is able to generate a deep **thermal effect** in muscle and osteo-articular apparatus: the endogenous heat is induced by the passage of the current from the handpiece to the special neutral plate, **securely and non-invasive**. The increase in temperature stimulates the lymphatic system and reactivates blood microcirculation, accelerating the natural processes by which cells, in the damaged tissues, are repaired.

The energy transmitted in the treated area generates change in electrical impedance that lasts even after the end of the treatment, thus allowing the correct and continuous oxygenation of tissues.

Diathermy, also has a profound **anti-oedema and analgesic effect**, as well as a thermal one: thus allows to reduce pain, bruising and oedema, so that **healing objectives can be achieved more quickly and effectively** than with traditional methods.

MEDI PHARON 5
GENERATES A DEEP
ANALGESIC AND
THERMAL EFFECT.



MEDI PHARON 5

CHARACTERISTICS AND WORKING PRINCIPLES

CAPACITIVE AND RESISTIVE MODE IN ONE HANDPIECE

Medi Pharon 5 allows you to perform resistive or capacitive mode treatments with a single handpiece with electrode in uncoated steel. The transition from one mode to another can be decided by pressing a simple key on the touch-screen display, thus allowing the operator to carry out the treatments with the maximum simplicity and functionality.



TOUCHSCREEN DISPLAY AND INTERACTIVE SOFTWARE

Medi Pharon 5 is equipped with a brand new touch-screen display and a software interface highly interactive and functional, that allows to configure in a simple and intuitive way, all parameters and treatment protocols.



FREQUENCY RANGE

With **Medi Pharon 5**, in manual mode, the therapist can choose between 4 frequencies to optimize the energy transfer: 2 frequencies for the application in resistive mode (Ipbasic, Iperbasic) and 2 frequencies for the application with Capacitive mode (Megabasic and Gigabasic).

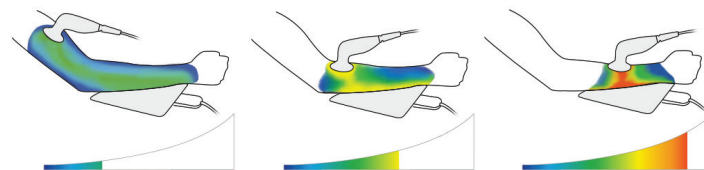
This enables the therapist to select the target with greater accuracy depending on the frequency used, thus allowing treatment customization.

In automatic mode, **Medi Pharon 5** works with a multi-sequential working cycle, exploiting the range of frequencies between capacitive and resistive mode set to achieve maximum results.

INNOVATIVE ENERGY MEASUREMENT SYSTEM: ETC "ENERGY TRANSFER CONTROL"

Medi Pharon 5 is equipped with an innovative system for the measurement of the amount of energy transferred to tissues: during treatments, **Medi Pharon 5** beeps and displays a graphic that shows the energy actually transmitted to the anatomical area treated in relation to time and to the power supplied.

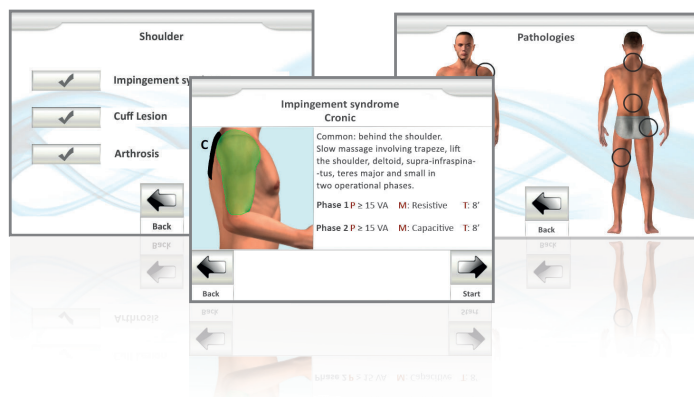
This system allows to compare the electrical impedance variation compared to the initial value at rest and to evaluate the active hyperaemia and consequent increase of the electrolytes flow during treatment.



PATHOLOGY LIBRARY AND PROTOCOLS GUIDE

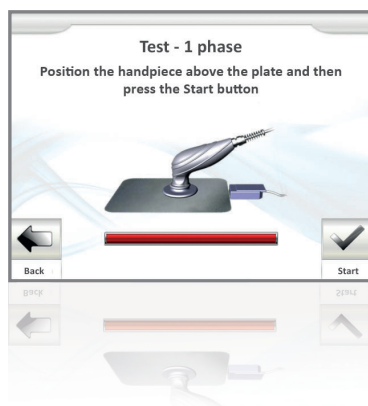
Medi Pharon 5 supports the therapist during treatment, offering a library of protocols, divided in phases, dedicated to more than 60 diseases.

Each program comes with images showing how to intervene on the patient to treat the pathology in both acute and chronic phases.



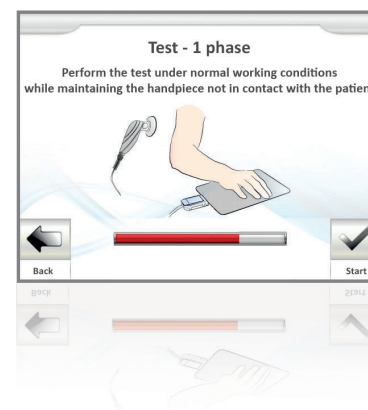
MAXIMUM SAFETY

To ensure maximum safety for both patient and therapist, **Medi Pharon 5** has an automatic cable Control: through a special test, faults and malfunctions can be checked before each treatment. An automatic feedback system, also, stops any kind of impulse in the event of separation of the applicators.



AUTOMATIC TREATMENT SETTING

Medi Pharon 5 is equipped with a specific test to automatically determine the most suitable parameters for that specific therapy, according to single patient, to support the therapist in setting the best treatment.



HIGH PERFORMANCES IN A SMALL DEVICE

Medi Pharon 5 is **compact, powerful** and **easy to transport**. Thanks to the innovative technology used, it is possible to deliver high powers and achieve high therapeutic performances, with a very small size.





MEDI PHARON 5 TREATMENT MODALITIES

TOTAL CUSTOMIZATION FOR A TAILORED TREATMENT

MEDI PHARON 5 IS A COMPLETE AND FLEXIBLE DEVICE THAT HAS SEVERAL TREATMENT MODALITIES.

It is equipped with automatic and preset protocols that simplify the work of the therapist, but also allows you to completely customize the parameters of the treatment in order to adapt it to the needs of each patient.



MEDI PHARON 5

STANDARD AND ADJUSTABLE PULSED MODE

STANDARD MODE

The basic mode of **Medi Pharon 5** allows the therapist to set treatment in three ways:

- **manual;**
- **timed, by setting the treatment time;**
- **administration, setting up the energy to be transferred.**



ADJUSTABLE PULSED MODE

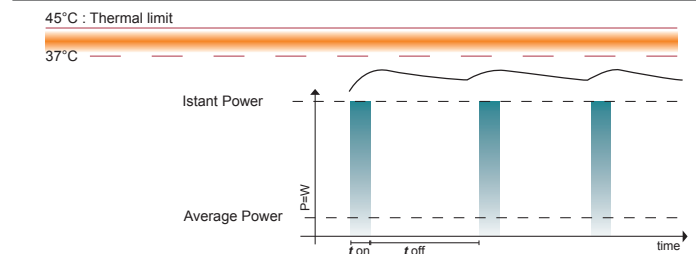
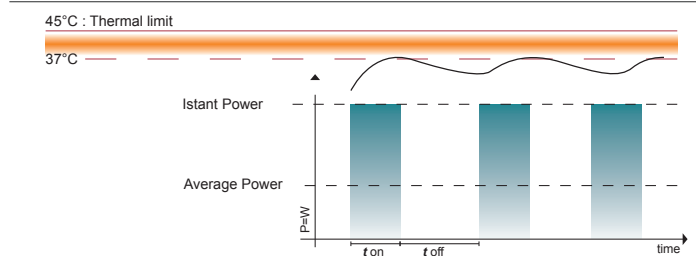
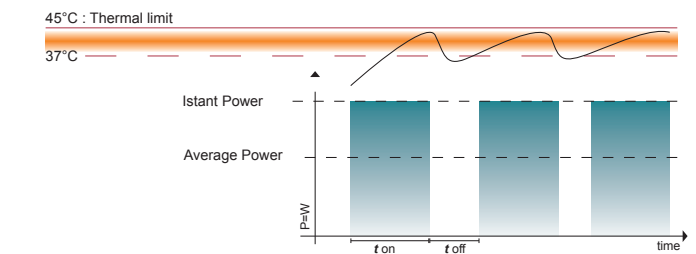
With the adjustable pulsed mode, the supply of energy is not continuous, but occurs at regular time intervals.

This mode is particularly indicated in the treatment of diseases in acute phase involving the muscle skeletal system: in these cases, in fact, the continuous delivery of energy can cause pain in the patient.

This is due to an excessive increase in the effects of hyperaemia, causing vasodilatation and consequently the sensitization of pain receptors.

By using the pulsed mode, the therapist can control the supplied energy between one pulse and the other, so as to generate the correct cell homeostasis and exclude any side effects.

The pulsed mode may also be used for **highly customized treatments**: it allows to set the supply and pause times, so as to create the best therapy to the needs of each patient.



MEDI PHARON 5

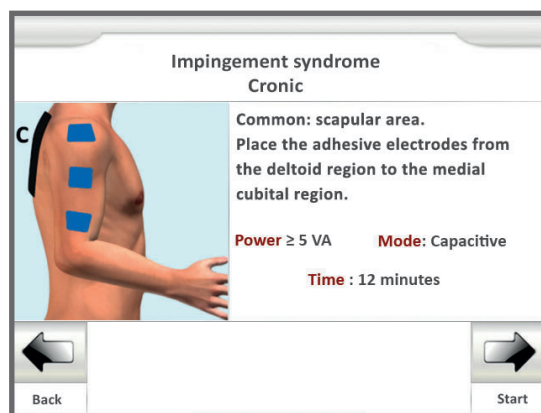
AUTOMATIC AND PULSED AUTOMATIC MODE

AUTOMATIC MODE

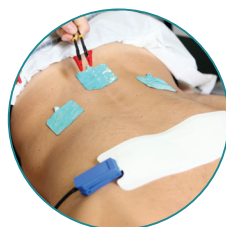
With the automatic mode, **Medi Pharon 5** is able to operate independently, **freeing the therapist from manual treatment execution**. Thanks to the special cable with adhesive electrodes, this mode can replicate the roto-translatory movement of the manual application, by means of a energization cycle of the electrodes. The cable allows to carry out therapy also on complex areas of the body.

To ensure a high safety level, the patient has an emergency stop button with which he can stop the treatment at any time.

In the library of **Medi Pharon 5** are also available protocols suitable for the treatment of more than 60 diseases, divided into phases and specifically designed for automatic mode treatments.



Stop button.



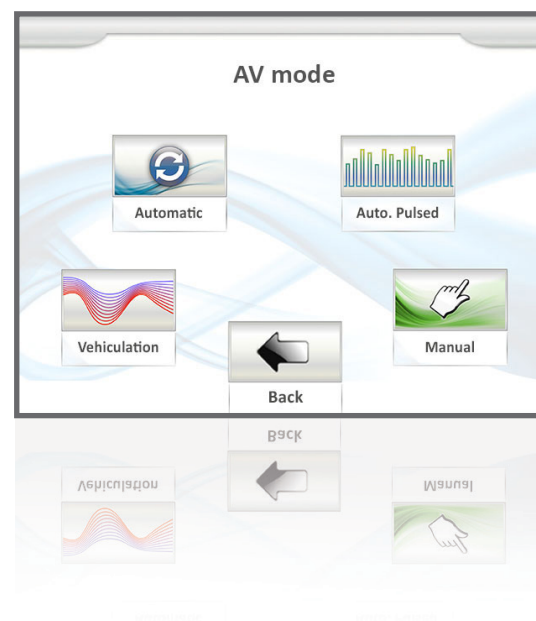
Adhesive electrodes.

PULSED AUTOMATIC MODE

This mode **combines the advantages of automatic and adjustable pulsed mode, both in capacitive and resistive frequencies**. The supply is provided with an energy boost at regular intervals, allowing the therapist to customize the time of issue and break.

Thanks to the specific cable, **Medi Pharon 5** can independently perform the treatment according to the configured parameters, allowing the therapist to be free during therapy.

The emergency stop button is available in this mode too, to stop the treatment at any time.



MEDI PHARON 5

TRANSDERMIC VEHICULATION

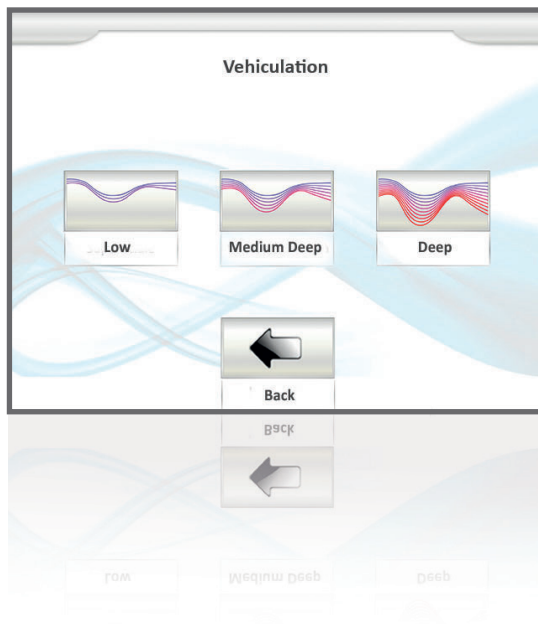
TRANSDERMIC VEHICULATION

Medi Pharon 5 has an innovative feature that supports the absorption of active substances through the skin, exploiting the technique known as “transdermal vehiculation”. It is a non-invasive method, useful for the treatment of many diseases, which allows the deep penetration of beneficial substances.

Adding an active substance to the cream during the treatment with **Medi Pharon 5**, you can transfer its benefits deep beneath the skin, getting an increased absorption of the active ingredient and enhancing its effectiveness.

Medi Pharon 5 also allows you to set the depth of penetration of the transdermal vehiculation: superficial, medium or deep.

Also for this application mode, **Medi Pharon 5** provides a library of set treatments with therapeutic procedures designed to provide maximum result.



WITH **MEDI PHARON 5**
THE BENEFICIAL SUBSTANCES
PENETRATE IN DEEP.



TECHNICAL FEATURES

MEDI PHARON 5

Power	120 W effective (350Wpp)
Cable check	automatic check
Display	TFT color touchscreen 5.7"
Power supply	100÷240 V 50÷60 Hz
Absorption	160 VA
Dimensions	cm. 37x37x12
Weight	kgs 3.7
Conformity	IEC/EC 60601-1 60601-1-2
Certification	CE0068
93/42/CEE	Classification IIB

MODES:

- STANDARD MANUAL
- STANDARD TIMED
- STANDARD ADMINISTRATION
- PULSED ADJUSTABLE
- AUTOMATIC
- PULSED AUTOMATIC
- TRANSDERMAL VEHICULATION



MEDISPORT RECOMMEND

CONDUCTIVE CREAM FOR DIATHERMY

For most effective treatments with **Medi Pharon 5**, we suggest to use Conductive Cream for Diathermy, this specific cream is particularly moisturizing and rich in minerals, with high electro-conductive properties. These characteristics make it perfect for use during treatments of energy transfer. *It does not contain paraffin.* Medical Device Class I Dir. 93/42/ EEC.



HOW TO USE IT

Apply on the area to be treated so as to form a thickness of about 1 mm. Add more cream, if necessary, during the treatment to facilitate the smoothness of movements.

Buy it directly online at: store.medisport.it





Want to learn more about Medi Pharon 5?

CONTACT our sales office
our operator will respond your issues.

REQUEST free no obligation quote
Writing an e-mail to:
info@medisport.it

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export@medisport.it

THE EXPERT will reply to queries
Write at:
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READ our scientific references on our website
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