

Diactivplvs[®]

REGENERATION THERAPIES



RÖS'S
Medical technology division

RÖS'S, the leading brand in the manufacture of technology for beauty salons, takes a step forward in the world of aesthetics, health and well-being by opening its new medical division for the manufacture of equipment with applications for physiotherapy, aesthetic medicine and aesthetic gynaecology.

EXPERTS IN BEAUTY DEVICES SINCE 1978

RÖS'S Estética is the Spanish beauty device manufacturing brand with a global presence in more than thirty countries. Since 1978, its development and expansion strategy has been linked to the manufacture of aesthetic equipment and the development of OEM equipment for leading brands in the professional sector. With extensive experience, it now presents its flagship product for medical-aesthetic clinics and physiotherapy centres.

Its management model, based on innovation and technical reliability, also guarantees the service and ongoing training of customers as a way to understand the growth of their businesses.

The structure of the organisation is customer-oriented in all its areas of activity. It includes design, manufacturing, logistics, sales, training, promotion and after-sales service.

Our brand values

- **Quality assurance in manufacturing.** Our CE marking and the ISO 9001:2015 certificate guarantee our manufacturing process.
- **Service-oriented.** Our work teams are designed to provide support in all our customers' business areas to maximise their growth. Technical support, training and advice, marketing and communication.

Our personnel at your disposal

- **R&D.** Engineering team in charge of quality controls and the development of technologies. Guarantee of rigor and reliability for the professional.
- **Training.** Team of beauticians and doctors responsible for creating the most innovative application protocols. They certify the registration of the results that can be expected with each treatment.
- **Commercial.** Team of representatives and advisors that help the professional in the selection of the most suitable product.
- **Technical service.** Technician team that guarantees the maintenance of technological equipment.
- **Marketing.** Team responsible for providing added value and designing the strategy for a fast return of the investment.



Diactivplvs[®]

REGENERATION THERAPIES

Diactivplus is the therapy equipment for tissue regeneration in physiotherapy and aesthetic medicine treatments that provides the professional with two leading technologies in five different forms of application.

Diathermy

Body treatments	<ul style="list-style-type: none"> • Capacitive application • Resistive application
Facial treatments	<ul style="list-style-type: none"> • Capacitive application • Resistive application
Pelvic floor treatments	<ul style="list-style-type: none"> • Resistive application
Hair treatments	<ul style="list-style-type: none"> • Capacitive application

Electro-stimulation

Prevention and body recovery treatments	<ul style="list-style-type: none"> • Application by muscle groups with bands • Application by analytical muscles with self-adhesive electrodes
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Galvanic current

Body treatments	Introduction of active ingredients
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Electro-acupuncture

Body treatments	Application of currents using acupuncture needles
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DIATHERMY 448 KHZ.

Action from the heart of the cell

Any unsightly imperfection or disorder results in a change in the cell's electrical potential. The consequences triggered by this affect our morphology in a highly diverse manner, so we need a precise energy that activates or slows down cell pulse. This rebalancing and regenerating global action recovers the damaged body tissues progressively.

Diactivplus emits an adequate high-frequency signal of 448 KHz, scientifically supported to achieve intercellular ion mobilisation and action from the heart of the cell. Its modes of application, capacity monopolar and resistive monopolar, allow us to reach all tissues, from the dermis to the bone tissue. Diactivplus is equipped with 10 different electrode models that adapt to each area to be treated.



CAPACITIVE application

The current is transmitted as a displacement current with a covered electrode. Bipolar molecules, fundamentally water, vibrate and change direction at the same frequency as the current to which they are subjected. As a consequence of these distortion and molecular friction movements, increase of temperature is generated. The most affected structures are the most vascularised or with the highest water content: dermis and muscle.

RESISTIVE application

The current moves as a conduction current through a metal electrode in direct contact with the skin and causes an increase in temperature that will be greater in those structures with greater electrical resistance: fat, dense and fibrotic tissues.



Application of bands for electro-stimulation



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ELECTRO-STIMULATION

32 electro-currents for personalised and effective recovery

In physiotherapy, electro-stimulation is used for PREVENTION, rehabilitation and recovery from injury treatments; they also produce an improvement in muscle tone that can help sports preparation.

EMS Currents

Diactivplus acts by emulating the functioning of the nervous system. EMS (Electric Muscle Stimulation) currents use external electrical impulses that act through the skin to stimulate the nerves of a specific muscle group. The reaction of the muscle will depend on the strength and duration of the electrical impulse.

The success of EMS currents in injury prevention, rehabilitation and sports preparation treatments has been widely documented. The intense muscle contraction resulting from its application improves sports performance and enhances muscle resistance.

In rehabilitation, electrical stimulation of the peripheral nervous system generates motor responses in patients with impaired capacity or loss of voluntary muscle activity.

PROGRAM	BENEFITS
01 / Muscle recovery	
02 / Atrophy	• Muscle re-education
03 / Resistance (slow fibres)	• Muscle recovery
04 / Aerobic resistance	• Improved resistance
05 / Force resistance	• Firming
06 / Maximum force	
07 / Explosive force	• Improved oxygenation
08 / Firming	• Prevention/reduction of atrophy/hypotrophy
09 / Circulatory pumping	• Prevention of postoperative muscle weakness
10 / Slow fibre scan	
11 / Fast fibre scan	
12 / Muscle relaxation	
13 / Oedemas	

KOTZ currents

KOTZ currents are optimal for intense muscle strengthening since they substantially reduce the sensory discomfort in the patient or athlete.

PROGRAM	BENEFITS
14 / Slow fibres	
15 / Slow fibre scan	
16 / Force	• Muscle elongation
17 / Maximum force	
18 / Fast fibre scan	

Given the complexity of our muscular system, Diactivplus offers four types of classic currents for specific use on each muscle type and also depending on the objective. The results are optimal both in its application with wraparound bands and with individual electrodes.

INTERFERENTIAL currents

They are half frequency currents modulated by a low frequency current.

They have an analgesic effect on local pain, muscular hypotonia and neurovegetative disorders, muscle toning, improvement of circulation, muscle strengthening or relaxation.

The best effects are achieved in muscle-based pains, where the analgesic effects and the action of "muscle kneading" are combined.

PROGRAM	BENEFITS
19 / Muscle relaxing	• Muscle relaxation
20 / Analgesic	• Analgesia in pain of mechanical and neuralgic origin.
21 / Analgesic scan	• Tissue debridement.
22 / Delayed analgesic	• Joint releases, in adhesion proliferation stages.
23 / Delayed analgesic scan	• Elimination of joint effusions (neither acute nor septic).
24 / Slow fibres	• Reflex sympathetic dystrophy.
25 / Slow fibre scan	• Intrinsic and intimate mobilisation of the vertebral joints.
26 / Fast fibres	• Increase and improvement of localised muscle atrophy through energy intake.
27 / Fast fibre scan	

TENS currents

The TENS (Transcutaneous Electrical Nerve Stimulation Therapy) current is indicated to relieve mild and moderate musculoskeletal pain.

Its application has an analgesic effect, stimulates the release of endorphins and improves blood circulation.

PROGRAM	BENEFITS
28 / Conventional TENS	• Analgesic.
29 / Endorphinic TENS	• Chronic or acute pain reliever.
30 / Burst TENS	

DIATHERMY APPLIED IN PELVIC FLOOR PHYSIOTHERAPY (INTIMATE) AND AESTHETIC GYNAECOLOGY



The feminine intimate area suffers physical and physiological changes that interfere with the quality of life of women. Due to childbirth (REPEATED OR NOT) or with the arrival of the menopause, the decrease in oestrogen levels causes the lining of the vagina to become thinner and lose moisture and elasticity. The main physical symptoms are sagging skin, sagging lips and vaginal atrophy. The latest advances in the design and application of diathermy in the intimate region have provided results that improve sexual dysfunctions and the quality of life of patients.

Diathermy activates the regeneration of collagen and thickens the skin of the walls of the vagina. The skin tones up, which improves the symptoms of vaginal atrophy.

It is also indicated for some male pelvic floor conditions.



ELECTRO-ACUPUNCTURE

Electro-acupuncture is the application through an electric current passed between needles of the traditional Chinese technique. This therapy combines the best of tradition and modernity.

Therapeutic applications

- Functional, neurological and muscular rehabilitation.
- Recovery from posttraumatic injuries.
- Tendinomuscular and nervous functional rehabilitation.
- Treatments of muscle contractures and muscle atrophy.
- Analgesia or anaesthesia.

Effects

- Circulation: vasodilation has an analgesic and anti-inflammatory effect on areas where there are oedema and pain.
- Muscle system:
 - Recovery when muscle tone and mass are lacking.
 - Analgesia and muscle relaxation in pain associated with contractures.
- Analgesic effect on the nervous system.

Diactivplus has two modes of application: pulse trains and continuous mode.

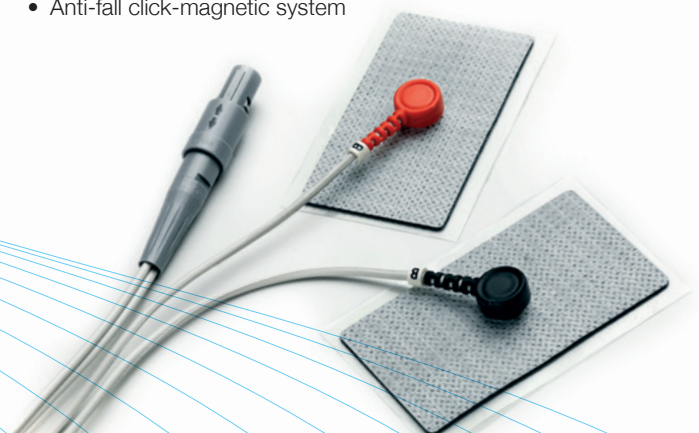
PROGRAM	BENEFITS
31 / PV electro acupuncture	<ul style="list-style-type: none">• Relief of stress or anxiety.• Chronic complaints and chronic pain.
32 / Train acupuncture	<ul style="list-style-type: none">• Treatment of sports injuries, lumbago, sciatica, facial paralysis, peripheral paralysis or peripheral neuropathies.

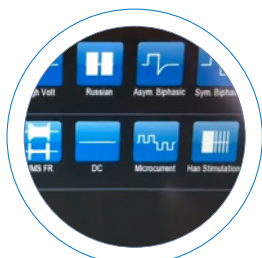
GALVANIC CURRENT

The use of iontophoresis for the penetration of active medical and aesthetic INGREDIENTS by means of patches is a very useful application both in physiotherapy and aesthetic medicine.

A combination of sensitive, polar and circulatory effects enhanced with the introduction of the drug is obtained.

- Intuitive programming
- Wide range of accessories
- Storage space
- Anti-fall click-magnetic system





Intuitive programming



Wide range of accessories



Easy electrodes



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Storage space

TECHNICAL SPECIFICATIONS

Dimensions	Width 41 cm	Depth 49 cm	Height 151 cm
Device weight	55 Kg		
ELECTRICAL CHARACTERISTICS			
Voltage	100 - 240 V~	Average consumption	350 W
Frequency	50 – 60 Hz	Fuses	6A/250 V

APPLICATION CHARACTERISTICS

TREATMENT TIME	1 to 40 minutes per phase, maximum of 6 phases		
ELECTRO-STIMULATION	Frequency	Pulse width	Programs
· EMS	2 to 200 Hz	100 to 500 µs	13
· KOTZ	Carrier current: 2500 Hz Modulation: 1 to 200 Hz	Sinusoidal signal	3
· Interference	Carrier current: 4000 Hz Modulation: 1 to 200 Hz	Sinusoidal signal	9
· Electro-acupuncture	1 to 125 Hz	150 to 500 µs	2
· Galvanic	10 steps, from 0 to 4 mA		
DIATHERMY	Frequency	Power	
· Capacitive	448 KHz	450 VA	
· Resistive	448 KHz	200 W	

ACCESSORIES

Capacitive diathermy	Round electrodes 30, 50, 70 and 85 mm Intracavitary electrode Concave electrode
Resistive diathermy	Round electrodes 30, 50, 70 and 85 mm Intracavitary electrode
Electro-stimulation	4 body stimulation bands 580 mm 2 body stimulation bands 740 mm 28 self-adhesive body electrodes 45x80 mm
Galvanic	logel electrodes 1 sample unit
Electro-acupuncture	100 units needles box



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