ARB Systems
Proyectos Electrónicos SL

Research Development and innovation

Thermal Contrast Technology

AESTHETIC AND MEDICAL APPLIANCES FOR PROFESSIONALS

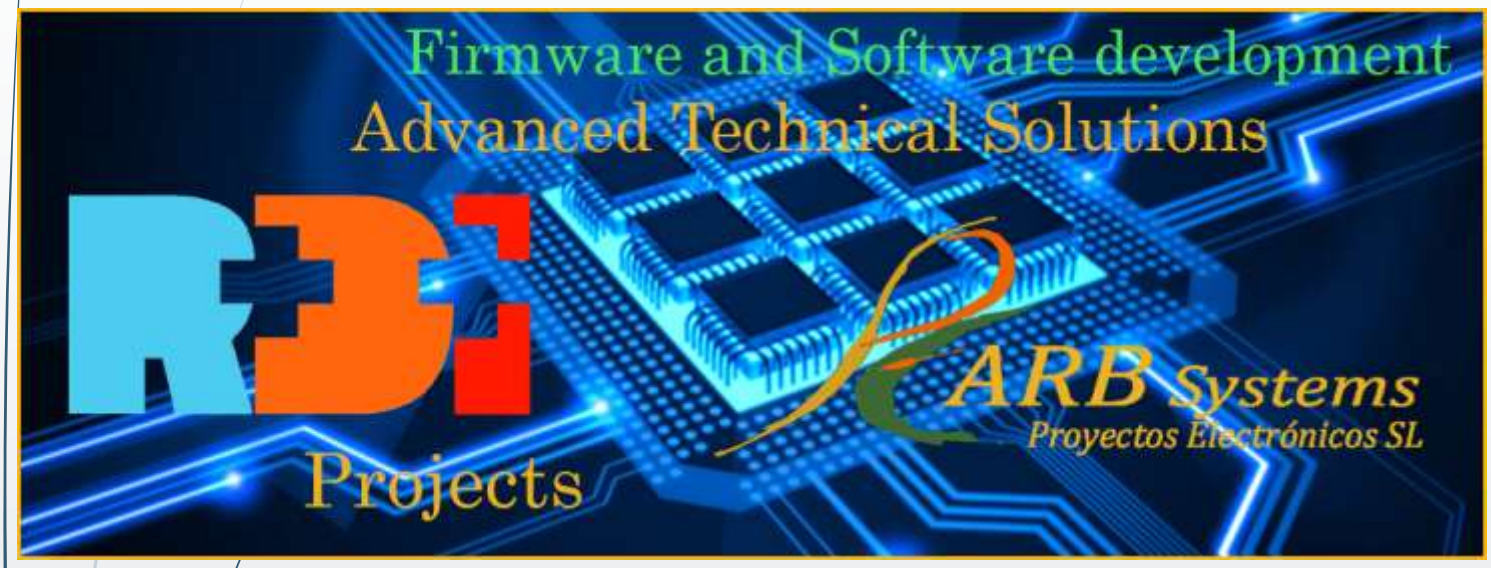
MUSCLE RECOVERY AND MAINTENANCE EQUIPMENT

Rev.5

ADVANCED AESTHETIC EQUIPMENT

COMMITMENT TO QUALITY AND EXCELLENCE

TELEMEDICINE



RESEARCH, DEVELOPMENT AND INNOVATION

ARB Systems Proyectos electrónicos SL, *founded in 2006, is a Spanish company dedicated to research, Fout and innovation, as well as manufacturing in the fields of biotechnology, medical equipment and advanced aesthetic equipment.*

In recent years, ARB Systems has specialized in the research and development of equipment aimed at the medical sector, developing devices as ***BRS for the treatment of bladder cancer*** *for the firm Combat Ltd, or the* ***PRS*** *Equipment,* ***for Ovarian cancer treatment, Colorectal cancer, Gastric cancer,*** *for the company Biosurgical SL, among some others…*

ARB Systems Proyectos Electrónicos SL Facilities





Some of the products developed by ARB Systems for medical /hospital sector like: Laboratorios Cair, Galmaz Biotech, Combat ltd, Biosurgical, Celsius medical, Haake Alemania, ...



Normotermia products line, for heating blood, fluids…



Chemo-Hyperthermia Treatment Equipment for the treatment of Bladder cancer, Ovarian cancer, Colorectal cancer, Gastric cancer, ...

THERAPY COOL

Well-being our reason for being

Worldwide Novelty
International Patent



THERMAL CONTRAST TECHNOLOGY

TherapyCool The power of Thermal Contrasts
Patented System

THERAPY CARE

The power of heat, cold and thermal contrasts

Therapy Care



Therapy Care C

Active hydraulic compression and cold therapy unit for athletes



Equipment for carrying out heat applications, cold applications and thermal contrasts, (contrast in less than 1 min), with active hydraulic compression massage.

We act by accelerating and improving muscle recovery processes.

¿About us?

ARB Systems Proyectos Electrónicos S.L., *founded in 2006, is a Spanish company dedicated to research, development, innovation, and manufacturing in the biotechnology, electromedicine, and advanced aesthetic equipment sectors.*

Our advanced aesthetic equipment department, comprised of a team of professionals, some of whom have over 20 years of experience in the world of balneotherapy, specializes in fluid thermostating, the technological principle behind many of our devices.

A company where ongoing research, customer satisfaction, and the quality of the products we offer are the pillars of our vision.

Our goal: *To develop devices that improve people's lives and health, creating value and making a difference, designing highly effective and accessible technology for everyone, in a sustainable and environmentally friendly way.*
Our values: *honesty in relationships and excellence in our work.*

Our trajectory accompanies us and precedes us. Since 2006, we have been working and developing pieces of equipment and projects for companies such as Combat ltd, Biosurgical, Laboratorios Cair, Galmaz Biotech, Celsius medical, SIT Transportes Internacionales, Air Control, among others.
And the devices developed by us, for these companies, are located in more than 35 countries and growing day by day, offering value and solutions to people.

Our equipment is made to order and practically handmade

Thermal Contrast Technology

The Kneipp Method

Sebastián Kneipp, called "the doctor of the water", systematized the use of the water as therapeutic element. ***The base of his treatments was the applications of thermal contrasts, (successive applications of heat and cold).***

The success of their procedures does not lie in water itself, but in the clinical result of applying successive thermal stimuli (heat-cold) to the body. These stimuli mainly produce blood vasoconstriction, from ***the cooling of the hot body in contact with Water and as an immediate reaction*** *to heat* ***vasodilation, which causes*** *an increase in blood circulation, helping to clean and eliminate pathogenic substances, nourishing and reaffirming tissues and working very effectively against aging ...*

The difficulty presented by thermal contrast treatments carried out in spas is that the patient undergoes showers or immersions in cold water.

Our thermal contrast devices are created with the aim of making these treatments easy, allowing anyone to enjoy the benefits of balneotherapy treatments, from the comfort of a stretcher and without contact with water.



A new concept of beauty and muscle recovery, based on the optimization of the body's natural physiological mechanisms.

Beauty and health division

Therapy Cool Equipment



Treatments with Thermal Contrasts

Body Treatments

- *Cellulite*
- *Tightening up*
- *Volume reduction*
- *Tissue nutrition*
- *Legs relief*

Facial Treatments

- *Hydration nutrition*
- *Anti-ageing*
- *Facial hygiene*
- *...*

Sludge treatment / Algae-therapy with Thermal Contrasts

Tune-up Treatments

- *Regain your vitality and energy*
- *CryoTherapy sports*
- *Injury prevention*
- *Pre and Post Workout Treatments*
- *Preparation and treatment of high performance athletes*
- ---

Cold Treatments

Cryo-aesthetic treatments: *Facials and Body.*

A new concept of slimming and firming

Beauty and health division

Crio-Therapy C Equipment

Beauty treatments

- *Cryo Estética Facial*
- *Breast Cryo Reafirmation*



Crio-Therapy C exclusive flexible and adaptable exchangers

- *Abdomen*



- *Sides*
- *Buttocks*
- *Back*
- *Arms*



Crio-Therapy C *sophisticated technology is a novel dermatological method for improving skin appearance and combating cellulite, stimulating circulation and natural collagen production, resulting in firmer, brighter, and healthier-looking skin.*

The treatments of cryotherapy at the facial and body level, provide very remarkable effects:

- *They perform a vasoconstriction followed by vasodilation, which reactivates the normal mechanisms of microcirculation, which allows a greater penetration of the active principles of the applied cosmetics.*
- *In addition, this microcirculation provides great nutrition and oxygenation of all tissues.*

• ***In the facial cryotherapy treatment****, at muscle level has a very important toning action, strengthening all the muscles of the face helping in the fight against wrinkles, ... The face has multiple small muscles, which are very difficult to reach with other systems..*

We acted to significantly accelerate the recovery process.

THERAPY CARE

Therapy Care *applies cryotherapy, thermotherapy, thermal contrast therapy, and sequential hydraulic compression for effective muscle recovery.*





Therapy Care *is a fundamental resource for sports professionals, offering a multifunctional tool designed to be an essential complement to their comprehensive muscle maintenance and recovery plans. Its application incorporates evidence-based techniques to optimize tissue regeneration, improve musculoskeletal function, and reduce injury risk, promoting the prolongation of optimal athletic performance.*

FEATURES:

- 2 Fluid outlets: **(2 treatment zones, in one or two users)**
- Heat / cold contrast **(in less than 1 minute)**
- 6 levels of active hydraulic compression **(adjustable in both pressure and frequency)**
- Regulation of the number of heat / cold contrast cycles.
- Régulation de la température du fluide chaud de 20 ° C à 45 °C.
- Fluid temperature regulation from -5ºC to 45ºC.
- Regulation of the treatment duration from 1 min. to 59 min.

Therapy Care is not a medical equipment

Reduces pain and speeds recovery from any injury

THERAPY CARE C



Only cold portable equipment - All cold power without ice - Cold without limit

Equipment for performing cold applications, combined with up to 6 levels of active hydraulic compression massage.

FEATURES:

- Temperature regulation of the cold fluid, from 20 to -2ºC.
- Regulation of the duration of treatment, from 1 min to 59 min.
- 3 levels of active hydraulic compression, **adjustable both in pressure and frequency.**
- Tailored treatments and fully configurable in temperature, time and compression.
- **Fully portable Equipment**
  - Dimensions: width: 38 cm, height: 32 cm, depth: 35 cm



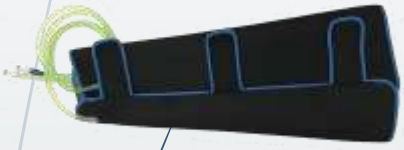
Therapy Care C is not a medical equipment

Without ice, without cold water, you only need a plug, *the cold is produced by a mini compressor,* ***which guarantees the cold power throughout the treatment.***

BELTS OR EXCHANGERS

Full leg









Shoulder exchanger





Knee exchanger



ADC Direct Applicator of Contrasts





Elbow



Ankle

Among others…

What is and how does Therapy Cool work?

THERAPY COOL in aesthetics

Wellness as the basis of all our treatments



Applications of thermal contrasts, not only keep us fit but strengthen our immune system, enhance the body's defenses, eliminate toxins through the skin, activates circulation, firm and clean tissues, etc.

The treatments made with Therapy Cool, are characterized by making the customer, after completion of treatment, feel a deep sense of ***Wellness and regain vitality and energy that no longer remembered*** *and that is due to the general reactivating that thermal contrasts produce at all their body.*

Undoubtedly, one of the major problems of aesthetics today is ***flaccidity****, a consequence of aging, slimming programs, etc ...*

With Therapy Cool, instead of applying different techniques and products from outside, all we do is to train the body, helping it to do what no one else knows better how to do, which is ***to nourish, moisturize, firm, tone****, ultimately take care of our Body by the natural way, that is from the interior, (using our blood like nutrient ...), which causes as* ***a direct consequence a delay of the aging.***

Therapy Cool acts on the beauty and the inner balance through the cleaning of our organism

How do thermal contrasts work in the body?

THERAPY COOL in aesthetics

Our treatments act by performing successive and controlled ***applications of heat and cold, which causes a true vascular gymnastics.***

Hot Application:

In a first phase we provide heat to the patient, as if it were a sauna, which causes vasodilation and the effects it produces in the body are:

- *A very important sweating, with the consequent elimination of toxins and liquids, from both the blood and the tissues.*
- *It collaborates very effectively in the problems of retention of liquids..*
- *A rebalancing of our blood, making it more alkaline, with which we act directly on free radicals and on the delay of aging..*
- *To greatly facilitate the penetration of any active principle applied to the client, with which we help to enhance the effects of the applied product and its active ingredients.*









The elimination of toxins is undoubtedly one of the most notable effects of Therapy Cool treatments, ***since through it a thorough cleaning of all tissues occurs****.*





THERAPY COOL in aesthetic

Cold Application:

In a second phase we perform the cold application.

With the cold application, we provoke the reaction of the organism, which, in order to heat the areas we have cooled, brings to them the only thing that the body has hot, the blood and with that bath of blood reach the tissues:

- *Hydration*
- *Oxygenation*
- *The nutrients*
- *….*



With the cold application, another very significant effect occurs in the body which is that the blood supplied to the treated areas and sent by our body to heat them, takes the heat and energy from fat deposits , so at the same time that we ***nourish the tissues and firm them****, (tonifying them), we are burning and eliminating fats and consequently* ***working very effectively in the reduction of volume****.*

So that we nourish, we hydrate, ... in short we put in motion the natural mechanisms of regeneration of elastin, collagen, etc ... so we not only ***nourish, oxygenate and moisturize*** *but also* ***tonify and firm*** *all those tissues*

With Therapy Cool we can affirm that, at the same time that we slim down, we firm.



High performance athletes

THERAPY COOL In the sports field

Its most notable effects for ***athletes in general and for high performance's in particular****, are that used before the practice of the sport,* ***increases its performance, its resistance to stress, prepares the muscles preventing injuries and increases alertness****, ... and if the treatment is performed after exertion,* ***it decongests****, relaxes, reduces muscular and nervous tension ... actually in the high competition* ***can be the Plus that differentiates them from the others..***



Basically the effect that the treatments produce, is the ***contribution of a greater flow of blood and oxygenation to the whole organism****, provoked by the vasodilation and the successive vasoconstriction that produce the thermal contrasts, this* ***stimulates the function of all the organic systems****. Among them is the* ***stimulation of the nervous system****, which regulates the amount of neurotransmitters such as* ***dopamine, adrenaline and serotonin****..*

Furthermore the great contribution of blood flow produced by contrasts applications at all levels, significantly ***increases the level of cellular oxygenation…***

Enhances vitality and energy

Muscle recovery and maintenance

THERAPY CARE

***Therapy Care**, is a equipment based on the techniques and ancestral knowledge of balneotherapy treatments, with the aim of putting within reach of the professional, some treatments with applications of heat, cold and thermal contrasts, really effective and that until now they could only be carried out by manual methods or in spas and thermal facilities.*

***Heat relaxes the nervous system and promotes muscle relaxation, it is antispasmodic and analgesic, ...** but the applications of Heat / Cold have much more profound effects on the factors that cause pain.*
Basically the effect produced by thermal contrasts is the supply of increased blood flow and oxygenation to the entire organism, caused by the successive vasodilation and vasoconstriction produced by thermal contrasts, this stimulates the function of all organic systems

***Therapy Care is not a medical device,** but rather a fundamental resource for sports professionals. It is presented as a multifunctional tool designed to essentially complement comprehensive muscle maintenance and recovery plans. Its application integrates evidence-based techniques aimed at optimizing tissue regeneration, improving musculoskeletal function, and reducing the risk of injury, thus contributing to prolonging optimal athletic performance.*

Therapy Care a piece of equipment designed to be installed in any center and that **only needs a plug** for its operation.



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ARB Systems
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TherapyCool The power of Thermal Contrasts
Patented System



A new concept of slimming and firming