



*Advanced aesthetic and medical Equipment*

*Commitment to quality and excellence*

*Telemedicine*



*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...*

***Investigation, development, manufacturing in the medical-aesthetic sector***



*Some of the products developed by ARB Systems  
for medical /hospital sector like:*

*Laboratorios Cair, Galmaz Biotech, Combat ltd, Biosurgical, Celsius medical, Haake Alemania, ...*



*Normothermia 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***



***Beauty Treatment, physiotherapy, sport treatments***

# *THERAPY CARE*

*The power of heat, cold and thermal contrasts*



*Therapy Care*



*Therapy Care C*  
*Only cold and compresion, portable  
equipment - All cold power without  
ice - Cold without limit*



*Therapy Care Plus*

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

*Physiotherapy and rehabilitation treatments*

*Applications of cold, heat and thermal contrasts*



*ARB Systems Proyectos Electrónicos SL, formed by a team of professionals, with more than 20 years of experience in the world of balneotherapy treatments with applications of thermal contrasts, cryotherapy and thermotherapy and since 2006, specialized in the development and manufacture of equipment for the medical-hospital sector, medical-sports sector and physical therapists, as well as for the beauty sector, among others.*

*For more than 10 years, we have specialized in the development of technologies based on fluid control and thermostatzation, and from that specialization, devices such as [Therapy Cool](#), [Therapy Care](#), among others, have been created.*

***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.***

# ***THERAPY COOL***

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## ***Our work system***

### ***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 physiotherapy treatments, based on enhancing the natural mechanisms of our body***

***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***

***Fitness and physiotherapy treatments***

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

***Cryotherapy Treatments:*** Facials and body, breast cryo enhancement

***Cryolipolysis Treatments***

***A new concept of slimming and firming***

### *Beauty treatments*

- Cryo Lipolysis
- Cryo Estética Facial
- Breast Cryo Reaffirmation

• Abdomen



- Sides
- Buttocks
- Back
- Arms



*Cryo Therapy exclusive flexible and adaptable exchangers*

**Cryo Lipolysis Treatments** is a non-invasive method, developed specifically to eliminate localized fat, without damaging adjacent tissues, in a comfortable and non-aggressive way. With the use of our exclusive flexible and fully adaptable exchangers you get amazing results.

**The treatments of cryotherapy at the facial level and breast firming, 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 treatment of breasts enhancement**, at the muscular level has a very important toning action, strengthening and stimulating all the muscles that act as natural support to the breasts.
- **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..



*Mi Dietista Virtual, not only provides you with a diet tailored to your tastes and needs, but also teaches you how to take care of yourself, to take the precautions your age requires (both food, exercise and health), and Especially teaches you to eat properly in each of the stages of life.*



*The success and effectiveness of Mi Dietista Virtual is based on:*

- Diets based on the Mediterranean Diet and the compatibility of the Blood Group and designed by Dietitians,, *considering the preferences and the tastes of the client.*
- Food supplements that will help you lose weight.
- Simple exercises and recommendations for postural hygiene, which will help you lose weight, feel better and avoid ailments.
- Health recommendations (depending on your age, sex, etc.), will help you to prevent diseases and improve your quality of life.
- A personalized tracking, in the different stages of your life, that will provide you with Security.

*Easy to use*

*Personalized diets and  
recommendations*

*Security and Discretion*

## **THERAPY CARE**

Equipment for the realization of applications of heat, applications of cold and thermal contrasts, (**contrast in less than 1 min**), with active hydraulic compression massage, **capable of working with two simultaneous treatment zones, in one or two users at a time.**

**Sequential compression therapies** help reduce edema and inflammation, stimulate oxygenation and cellular nutrition of the treated area with increased blood supply, increase the lymphatic flow and drainage and help adapt the exchanger to the treated area by increasing the contact.

### **CHARACTERISTICS:**

- 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.
- Temperature regulation of the hot fluid, from 20 to 45°C .
- Fluid temperature regulation from -5°C to 45°C.
- Regulation of the treatment duration from 1 min. to 59 min.



## **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 -2°C.
- Regulation of the duration of treatment, from 1 min to 59 min.
- 6 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



**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.**

## **THERAPY CARE PLUS**

Equipment for the realization of applications of heat, applications of cold and thermal contrasts, (**contrast in less than 1 min**), **with active hydraulic compression massage**, able to work with **four simultaneous treatment zones**, in one or two users at a time, allowing each user to use a different application: heat applications, cold applications or thermal contrast applications.



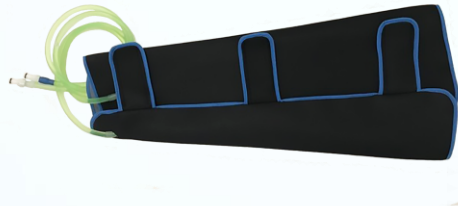
### **CHARACTERISTICS:**

- 4 fluid outlets with two independent circuits, with two outputs each one, (**total 4 treatment zones, for one or two users**)
- Able to combine treatments with heat, cold treatments and treatments with thermal contrasts, **at the same time.**
- Heat / cold contrast (**in less than one minute**)
- 6 levels of active hydraulic compression (**adjustable in both pressure and frequency**)
- Regulation of the number of heat / cold contrast cycles.
- Fluid temperature regulation from -5°C to 45°C.
- Regulation of the treatment duration from 1 min. to 59 min.



# **Therapy Care**

**Full leg**



**Shoulder exchanger**



**Knee exchanger**



**ADC Direct Applicator of Contrasts**



**Among others...**

## *Therapy Autocuidados, (Tele-medicine equipment)*

### *Devices incorporated in the equipment*

- *Tensiometer* (with auto calibration check)
- *Pulse Oximeter*, (Pulse and Oxygen Saturation)
- *BMI* (Optional + weight)
- *Digital thermometer*
- *Cardio Therapy (Cardiovascular Control)*:
  - Heart rate and average heart period
  - Heart rate variability
  - Heart stress, balance stress / relaxation
  - Arrhythmia and fibrillation risk
- *Cooximetry*,, (Carbon Monoxide Level)
- *Spirometry*, (with disposable nozzle and turbine)
  - Detection of:
    - Asthma
    - COPD
    - Estimation of pulmonary age
- *Videoconference* (doctor-patient)
- *RFID* (Automatic patient identification by proximity)

*Developing equipment pending certification*



- *Therapy Autocuidados is a piece of equipment designed for **Tele monitoring of patients**, (evaluation, monitoring and diagnosis), from your own home or your nearest pharmacy and prepared for 9 diagnostic tests, all of them **NON-INVASIVE**.*
- *The equipment measures the 5 parameters considered as **vital signs**: oxygen saturation, blood pressure, heart rate, respiratory rate and temperature.*
- *Each and every one of the tests, can be performed directly by the patient, without help from anyone.*

**Therapy Cool mdc pending certification as equipment for treatment of Fibromyalgia and Chronic Fatigue Syndrome.**

*We have carried out a **Pilot Test**, in collaboration with people from the Asociación de Fibromialgia de Cataluña, where we have been able to verify that 100% of the people who have done it experience a sensation of extreme relaxation during the session and after it they claim to have more vitality and energy. In addition to the fact that all of them have a better mental state, these patients describe to have been able to do household tasks (cleaning windows, windows ...), which was previously impossible because of their state .... (it must be considered that the test consisted only of 8 sessions, two each week per person, for 4 weeks).*

*During the sessions, some of them have stopped taking medication as lórica, (alleviates neuropathic pain) and diazepam (anti-anxiolytic, anti-anxiety, ..).*

*The results after the test are more than positive in this sense, since these people, who suffer this lack of spirits, vitality and energy, have been able to recover with therapeutics of thermal contrasts. This has opened a small door to them allowing them to enjoy again that feeling of autonomy already forgotten for many of them...*



# THERAPY COOL in aesthetics



## *What is and how does Therapy Cool work?*

### *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***



# **THERAPY COOL** *in aesthetics*



## ***How do thermal contrasts work in the body?***

*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*



## *Phase of volume reduction and slimming*

### ***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.***

# ***THERAPY COOL*** *In the sports field*



## ***High performance athletes***

*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***



# Therapy Care

*Fisioterapia y rehabilitación, tratamientos deportivos*



*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, it is a high technology equipment, extraordinarily simple to use and designed for the realization of applications of cold, applications of heat and thermal contrasts, (dry balneotherapy), and that in any case, its use in physiotherapy, rehabilitation, etc treatments will always be carried out under the supervision of a health professional: sports doctor, physiotherapist, etc ... who will be the one who will supervise and determine each and every one of the equipment's operating parameters.*

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





**Contact:**

*ARB Systems Proyectos Electrónicos SL  
Alberto Ramírez (Director-Gerente)  
Pico de la Sierrona, 135  
Collado Villalba 28400 Madrid*

*E-mail: [alberto.ramirez@arb-systems.com](mailto:alberto.ramirez@arb-systems.com)*

*[WEB: arb-systems.com](http://arb-systems.com)*

*Ph: 918 287 364*

*Mobile: 667 546 569*

*Worldwide Novelty  
Patented*




- Cellulitis
- Bolstering
- Tissue nutrition
- Volume reduction
- Legs relief
- Regain your vitality
- .....

# THERAPY COOL

Thermal contrast Therapy



 [www.proyecto-ngs.com](http://www.proyecto-ngs.com)

*A new concept of slimming and firming*