EME® ITALY

Founded in 1983 in Pesaro, EME has established itself over the years as a leading company in the production of electromedical devices for physiotherapy, aesthetic medicine and aesthetics. All EME technologies are the result of constant research and a strong synergy between the internal research and development department, the true beating heart of the company, and sector specialists and institutions.

This approach allows us to devise increasingly high-performance innovative solutions and to improve existing ones in step with technological evolution, thus offering the market 100% Made in Italy products that are highly reliable, effective and always cutting-edge. It is precisely for this reason that our products are currently distributed in over 60 countries around the world and are globally recognized for their quality and effectiveness, so much so that they have been chosen by sports teams, sports federations and clinics of the highest level.

However, there is something that matters more to us than numbers and references. This is our vision that has guided and inspired us for over 30 years:***"Offer everyone the opportunity to feel good about their body, in health and harmony."***

Every day we work for this: to guarantee concrete results for patients all over the world. We do this by producing cutting-edge technologies that satisfy our partners and by offering specialized technical training to achieve the best possible results.

Founded in 1983 in Pesaro, EME has established itself over the years as a leading company in the production of electromedical products for physiotherapy, aesthetic medicine and aesthetics. All EME technologies are the result of continuous research and a strong synergy between the internal Research and Development department, the real heart of the company, and specialists in the sector and institutions.

This allows us to offer more performing and innovative solutions and to update the existing ones thus offering the market 100% Made in Italy, cutting-edge and highly reliable products. Currently our products are distributed in over 60 countries worldwide and are globally recognized for quality and performances, so much so they have been chosen by sports teams, sports federations and high level clinics.

*Anyway what matters more than numbers and references is the vision that has led us and inspired us for more than 30 years:**"Offer the opportunity for everyone to feel good with their body, in health and harmony".***

Every day we work for this: to guarantee concrete results for patients all over the world. We do this by offering our partners cutting-edge technologies and specific training to achieve the best possible results.

EME shock waves comply with the requirements of the medical directive MDD 93/42/EEC and are certified**CE 0476**. EME is a certified company**ISO 9001:2015**,**ISO 13485:2016**And**100% Made in Italy.**

*The EME shockwaves meet MDD 93/42/EEC medical directive and are certified**CE 0476**. EME is a certified company**ISO 9001:2015, ISO 13485:2016**and**100% Made in Italy.***

Official testimonial - *Official testimonial*

Elisa Di Francisca

One of the strongest foil players ever, gold medal at the London 2012 Olympics and silver at the Rio 2016 Olympics.

One of the strongest foil fencer ever, Olympic gold medalist in London 2012 and silver medalist in Rio 2016.

Official supplier - *Official supplier*

BORA hansgrohe German Professional Cycling

LOTTO SOUDAL

AG2R LA MONDIALE PRO CYCLING TEAM OFFICIAL SUPPLIER

Groupama • FDJ ÉQUIPE CYCLISTE

TEAM KATUSHA ALPECIN

team dimension data

Cofidis Solutions crédits

ANDRONI GIOCATTOLI SIDERMEC

FEDERAZIONE CICLISTICA ITALIANA

POLAND VOLLEYBALL

FEDERAZIONE SAMMARINESE GIUOCO CALCIO

ZEBRE RUGBY CLUB

Tony Gallopin, AG2R LA MONDIALE

Rafal Majka, BORA - hansgrohe

Quick pain relief

Shock waves are acoustic waves, carrying high energy, transmitted through the surface of the skin and spread radially into the pain area. The body responds by increasing metabolic activity in the area of application, favoring the**decrease in inflammation**. The waves trigger an analgesic action induced by the local release of endorphins, accelerate the healing process, stimulate the new formation of blood vessels and the reactivation of the reparative processes.

Fast pain relief

*Shockwaves are acoustic waves, carrying high energy, transmitted through the skin surface and radiated into the body, to the painful area. The body reacts by increasing the metabolic activity in the application area, thus**minimizing the inflammation**. The shock waves cause a pain-killing action induced by the local releasing of endorphins, accelerate the recovery, stimulate neoformation of blood vessels and reactivation of repair processes.*

Deep energy

Shock Med/Shock Med Compact is a**radial shock wave**. The shock wave is generated by a pistol-shaped handpiece, the barrel of which is closed at the end by a metal cap against which a steel projectile is launched using compressed air. A wave is thus generated which spreads and expands radially in the skin and in the first underlying layer of tissue. The depth of penetration varies based on the pressure exerted, the transmitter used and the fabric treated.

Powerful energy

*Shock Med/Shock Med Compact is a**radial shockwave.**The shockwave is generated by the impact of a steel bullet transferred to a transmitter (kinetic energy) placed at the end of a pistol-shaped probe. The shockwave that is generated is radiated into the skin and into the first tissue layer just below. Penetration depth may vary depending on the pressure exerted, the transmitter used and the treated tissue.*

Radial shock waves
Radial shockwaves

Therapeutic effects

Pain reduction
Through the increase of**dispersion of substance P**(the reduction of its concentration reduces pain in the affected area and decreases the risk of developing edema) and the**reduction of muscle tension**.

Acceleration of recovery times
Through the increase of**collagen production**and the**stimulation of metabolism and microcirculation**(increases tissue oxygenation and decreases nociceptive metabolites).

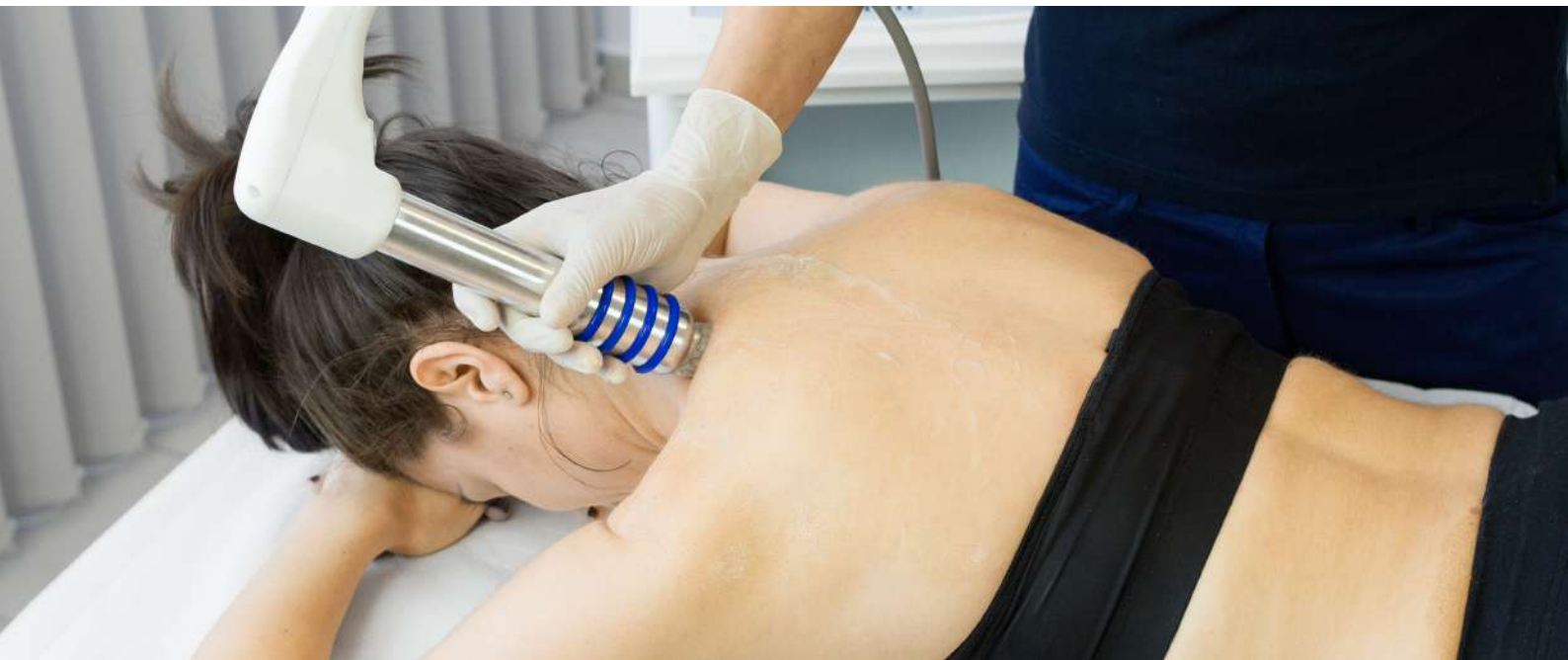
Restoration of mobility
Through the increase in the reabsorption of calcium deposits and the**dissolution of calcified fibroblasts**.

Therapeutic effects

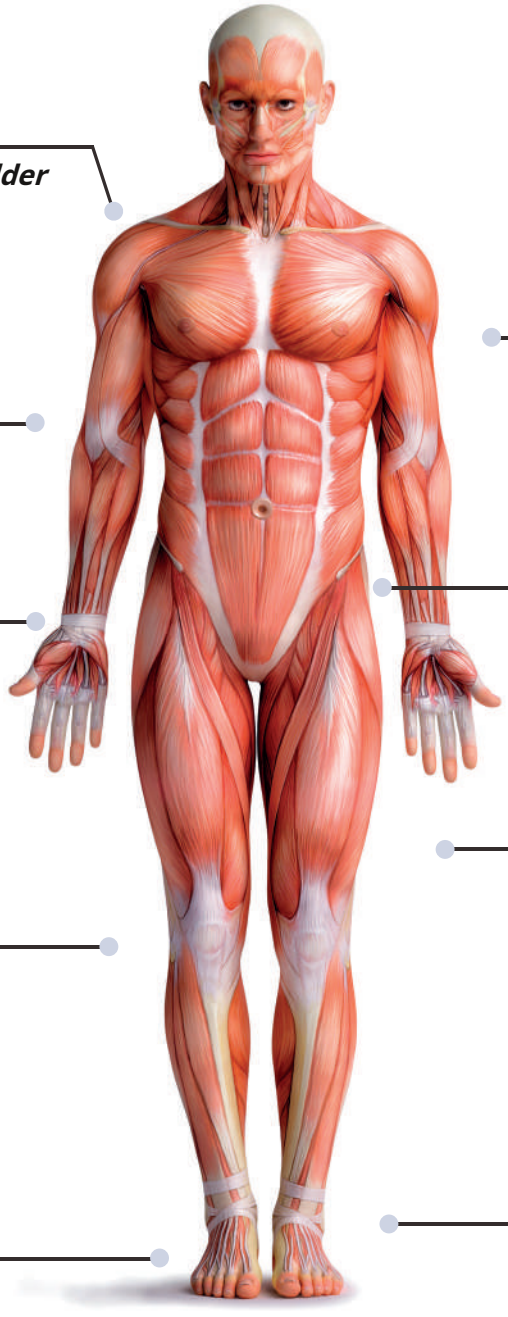
Pain reduction
*Improving the**dispersion of the substance P**(the reduction of its concentration reduces the pain in the affected area and decreases the risk of developing edema) and the**reduction of muscle tension.***

Acceleration of recovery times
*Improving the**production of collagen,stimulating metabolism and microcirculation**(it increases the oxygenation of the tissues and decreases the nociceptive metabolites).*

Restoration of mobility
*Improving the reabsorption of calcium deposits and the**dissolution of calcified fibroblasts.***



Main applications *Most common applications*



Pat. periarticular joints of the shoulder

Peri-articular path. of the shoulder

Bursitis

Bursitis

Epicondylitis

Epicondylitis

Pubalgia

Pubalgia

Tendinopathy

Tendinopathy

Stress fractures

Stress fractures

Knee tendinopathies

Tendinopathy of the knee

Tallodinie

Heel pain

Plantar fasciitis

Plantar fasciitis

Protocols divided by anatomical area

The intuitive and fast software allows you to choose**up to 31 different protocols, divided by anatomical area.**An additional 200 custom protocols can be stored.

Protocols divided by anatomical area

*The easy to use and fast software allows you to choose**up to 31 different protocols**,divided by **anatomical area**.Additional 200 customized protocols can be stored.*

The strengths of EME
EME strengths

Custom modes

The operator can decide which parameters to modify during treatments through 3 modes.

1.**Continuous mode:**it is possible to change intensity and frequency.

2.**Burst Mode:**it is possible to change intensity, frequency, number of shots within a burst and pause between one burst and another.

3.**Single mode:**you can change the intensity.

Customized operating modes

The therapist can choose to modify the parameters used during treatments thanks to 3 operating modes.

1.Continue fashion:*the operator can vary intensity and frequency.*

2.Burst mode:*the operator can modify intensity, frequency, numbers of shots in one burst and the time between two bursts.*

3.Single mode:*the operator can only vary the intensity.*

One Touch System

Applicable to continuous mode and burst mode. The delivery of shots is automatic and continuous. The operator simply needs to press the button positioned on the handpiece once to start the treatment, and press it again to pause it. Delivery ends automatically at the end of therapy.

it can be used with continuous and burst mode. The delivery of the shots is automatic and continuous. It is sufficient for the operator to press the button on the probe once to start the treatment and once to pause it. Delivery of shots ends automatically at the end of therapy.

Soft Rebound System

the handpiece is equipped with a particular shock absorber which allows for excellent delivery, without dispersion, of a high quantity of energy and, at the same time, lightens the impact on the operator.

the probe is equipped with a special shock absorber that allows an excellent delivery of a high amount of energy with no dispersion, reducing the return impact on the therapist.

15 mm multi-focused transmitter *15 mm multifocused transmitter*

15mm focused transmitter
15 mm focused transmitter

9 mm multi-focused transmitter *9 mm multifocused transmitter*

Radial shock waves
Radial shockwaves

Shock Med Compact-SW1350

Shock Med-SW1352

Technical features

Technical features

Characteristics	Shock Med	Shock Med Compact
Output pressure	1.5 - 5 Bar	1.5 - 4 Bar
Frequency	1 - 20 Hz	1 - 15 Hz
Issuance method	Burst auto - continue auto - burst - continuous - single	Burst auto - continue auto - burst - continuous - single
Stored protocols	31	31
Memorable protocols	250 + USB	250 + USB
Display	8" color touch screen	8" color touch screen
Dimensions - Weight	39 x 39 x 91 cm - 31 Kg	39 x 17.5 x 28 cm - 8 Kg

Accessories supplied	Shock Med	Shock Med Compact
15mm focused transmitter	1	1
9mm focused transmitter	1	1
15 mm multi-focused transmitter	1	1
Interchangeable kit	1	-

Features	*Shock Med*	*Shock Med Compact*
Power	*1.5 - 5 Bar*	*1.5 - 4 Bar*
Frequency	*1 - 20 Hz*	*1 - 15 Hz*
Shock emission modes	*Auto burst - auto continuous - burst - continuous - single*	*Auto burst - auto continuous - burst - continuous - single*
Stored protocols	*31*	*31*
Storable protocols	*250 + USB*	*250 + USB*
Display	*color touch screen 8”*	*color touch screen 8”*
Dimensions - Weight	*39 x 39 x 91 cm - 31 kg*	*39 x 17.5 x 28 cm - 8 kg*

Supplied accessories	*Shock Med*	*Shock Med Compact*
15 mm focused transmitter	*1*	*1*
9 mm focused transmitter	*1*	*1*
15 mm multifocused transmitter	*1*	*1*
Interchangeable kit	*1*	*-*

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EME® ITALY

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