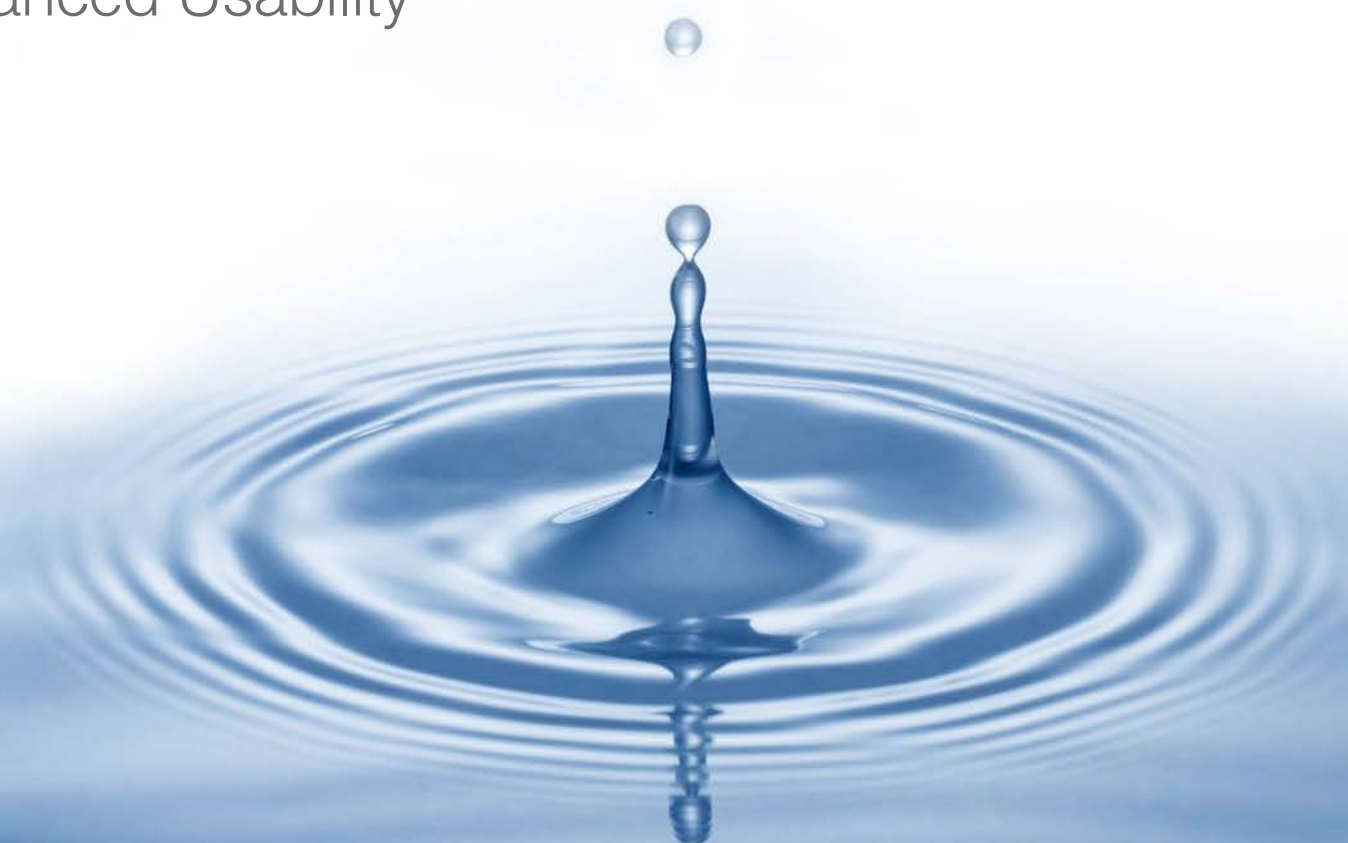


# kimatur

Unique Design

Enhanced Usability



# kimatur Powerful Therapy

kimatur is a radial high power shockwave therapy that utilizes scientific evidence with the latest technology.

A precisely controlled pneumatic system delivers powerful therapy waves to the affected tissues, treating conditions that traditionally require surgical approach.

Pain relief in short time is possible opening a new world of perspectives to the therapist.



# Powerful Therapy

## Applications

The range of shockwave applications expands as scientists all over the world explore the possibilities of this new technology.

More common applications include, but are not limited to it:

- Calcified tendonitis
- Radial and ulnar humeral epicondylitis
- Patellar tendonitis
- Achillodynia
- Plantar fasciitis
- Myofascial trigger points
- Chronic tendinopathy
- Activation of muscle and connective tissue
- Acupuncture shock wave therapy
- Anterior tibial syndrome
- Dupuytren's Disease
- Pseudoarthrosis
- Cellulitis



## Energy higher than before

The innovative choice of material for the kimatur applicators, borrowed by the aerospace technology, allows higher energy transfer to the tissue compared to similar devices, resulting in deeper impact on the tissue and superior therapeutic results.



## Technical Data

- Patient database with extendable memory
- Medical library with pathologies lexicon, anatomical images and application photos
- Software update remote access or through USB
- Modulated pressure and frequency
- Max pressure: 6.9 Bar
- Max frequency: 35 Hz
- Energy flow: 0.72 mJ/mm<sup>2</sup>

# Far from just Physical



- The therapeutic results of RSWT come from a sequential, multilevel interaction of the produced pressure with the human tissue.



- Apart from the mechanical effect, RSWT has been shown to act efficiently at the infra-cellular level.



- Neo-vascularization, cavitation and anti-inflammatory actions have been proved to be part of the mechanism that lay behind kimatur's novel therapy pressure waves.



## Operation Mechanism

A specially designed projectile is accelerated to high speed by means of a precisely controlled burst of compressed air. The energy of the projectile is transferred to the tissue through the applicator attached in the handpiece. Different applicators result in different depth and radius of the transmitted energy.

# Applicators



**SP** 12mm  
Pain therapy, Contractions, Superficial small painful muscles



**SM** 12mm  
Pain Therapy, Trigger Therapy, Calcifications



**MP** 14mm  
Superficial medium sized muscles, Heel Spur, Upper surface of the foot



**MT** 14mm  
Pain therapy, Deep Lying Trigger points



**MM** 14mm  
Pain Therapy, Trigger therapy, Large Calcific deposits, Medium sized muscle conditioning



**LP** 20mm  
Connective Tissue, Scar Marks, Painful large, superficial muscle groups



**LM** 20mm  
Large Muscle groups conditioning, Skin deep injuries, Cellulite



**XL** 28mm  
Cellulite, Lax Skin, Stretch Marks



**XLM** 28mm  
Cellulite, Lax Skin, Stretch Marks



**XXL** 36mm  
Cellulite, Lax Skin, Stretch Marks. In high frequency and low pressure levels lymphodrainage



**XXLM** 36mm  
Cellulite, Lax Skin, Stretch Marks. In high frequency and low pressure levels lymphodrainage



**3XL** 40mm  
Cellulite, Lax Skin, Stretch Marks. In high frequency and low pressure levels lymphodrainage, prep. muscle condition



**4XL** 50mm  
Cellulite, Lax Skin, Stretch Marks. In high frequency and low pressure levels lymphodrainage, prep. muscle condition

# Specifications

## Shockwave

Mechanism	Pneumatic
Therapy Shots	0-9999
Frequency	1-22 / 35 optional
Max. Pressure	6,6
Modes of Operation	Continuous, dynamic
Pressure Modulation	Yes
Frequency Modulation	Yes
Slow Pressurization	Yes

## Design Software

Therapy protocols	Yes
Patient database	Up to 1000000entries expandable
Integrated application guide	Yes
Operational system	Windows CE
Anatomical Library	Yes
VAS	Yes, in three conditions
VAS progress report	Yes, in three conditions
Report printing	Yes

## Applicators

Number of Applicators	9
Number of Shots per Revision Kit	1.500.000 warranted
Change of revision kit by the user	Yes

## Design

Weight - generator, screen, trolley	max.50.00Kg
Weight - handpiece	800g
Dimensions of the entire unit (w x h x l)	500 x 1027 x 460 mm
Display device	Graphic colour touch screen diag. 12.1" / 30.7 cm, resolution 600x800 pixels

## Energy supply

Net	110-230VAC / 50-60Hz
Equipment protection	Protection Class I / Protection degree IP10
Externally replaceable fuses	2A
Power switch according to IEC 601-1	Yes

## Classification

Applied section	type BF
Class according to with MDD 93/42/EEC	lib

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