



kimatur

Enhanced Usability

Unique Design



www.tur-web.com



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.

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

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

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



Applications

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

More common ones include:

- Calcifying tendinopathy of the shoulder
- Lateral epicondylopathy of the elbow (tennis elbow)
- Greater trochanter pain syndrome
- Patellar tendinopathy
- Achilles tendinopathy

- Plantar fasciitis, with or without heel spur
- Rotator cuff tendinopathy without calcification
- Medial epicondylopathy of the elbow
- Adductor tendinopathy syndrome
- Pes-Anserinus tendinopathy syndrome
- Peroneal tendinopathy
- Foot and ankle tendinopathies
- Tibial stress syndrome (shin splint)
- Myofascial syndrome
- Muscle sprain without discontinuity
- Cellulite

Suggestions include:

- Osteoarthritis
- Dupuytren disease
- Plantar fibromatosis (Ledderhose disease)
- De Quervain disease
- Trigger finger
- Spasticity
- Carpal tunnel syndrome
- Pelvic chronic pain syndrome (abacterial prostatitis)
- Erectile dysfunction
- Peyronie disease
- Lymphedema
- Polyneuropathy

Features (all kimatur models)



USB ports for **remote** technical support, software upgrades and backup



Dual **dynamic** control of software via touch and rotary encoder

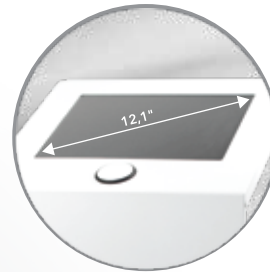


Robust, but **elegant** metal construction

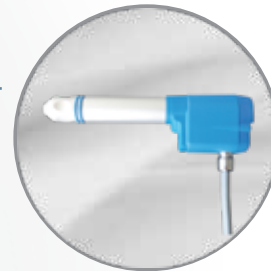


kimatur PRIME

Large coloured touch screen



Light and ergonomically designed handpiece



Ergonomic holder tray for accessories



Large wheels for **mobility** and **stability**



kimatur PRIME | DOUBLE | DUO

Possible combination with

- ELT
- EMG
- US
- VAC
- RF
- Kryo



Powered by Windows® CE



Impulse counter

With easy resetting code, available online



Modulation

of pressure and frequency



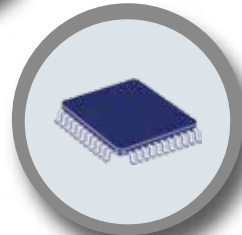
VAS

Visual analogue scale for pain in 3 condition



Memory

Intern memory allows up to 1.000.000 entries. Extendable to 8GB via USB/SD. 1GB internal memory



Save under Favourite

Save protocols in your favourite's menu



Save under Patient

Save protocols under your patient's names



Software interface kimatur

Patient

Create new patient files, monitor therapy sessions



Error codes and remote troubleshooting



Settings

Change all the software settings e.g. sound, design, etc



Library

Pre-set programs and pathology information. All parameters can be modified by user



Therapy

Quick therapy start - free mode





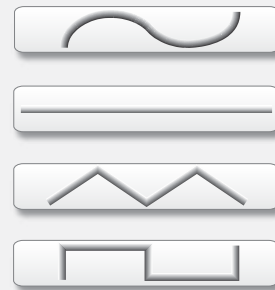
kimatur PRIME & kimatur DOUBLE

kimatur PRIME has been in the market already for 10 years. It remains updated due to the continuous improvements and innovations. Its advanced software gives unique possibilities to the users, such as pressure and frequency modulation modes, single shot and burst mode.

Its low-noise, oil-free compressor delivers high pressure that is transformed to a high energy acoustic wave that reaches deep points inside the tissue.

kimatur DOUBLE helps the user save valuable time. Two handpieces can be connected in two different outputs on the compressor bearing different applicator types. The therapist does not need to stop the device in order to change applicators during a therapy, but can work with any of the two handpieces consecutively.

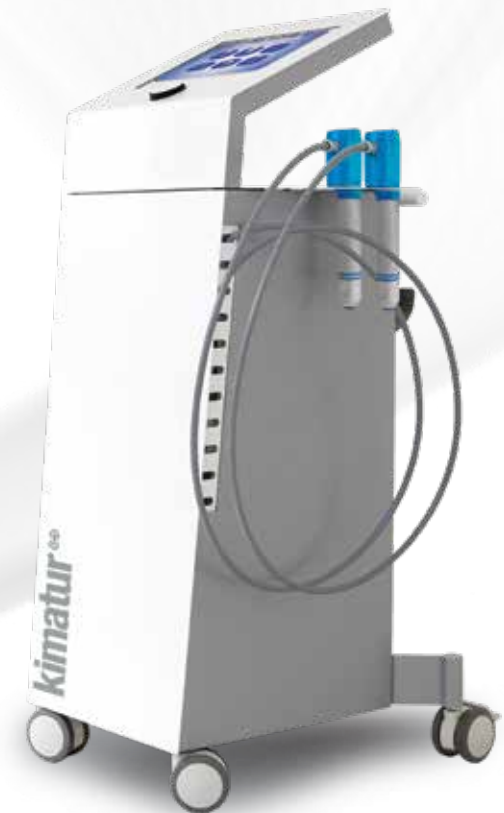
Modulated pressure and frequency is known to enhance the cell metabolism, migration of fibroblast, cell mitosis and protein production.



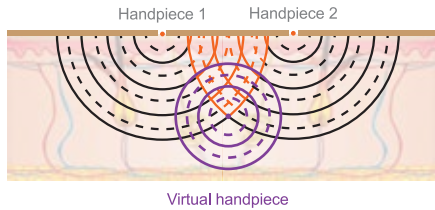
Prof. Dr. H-J. Duchstein, University of Hamburg, 2014

Energy higher than before

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



Interference zone

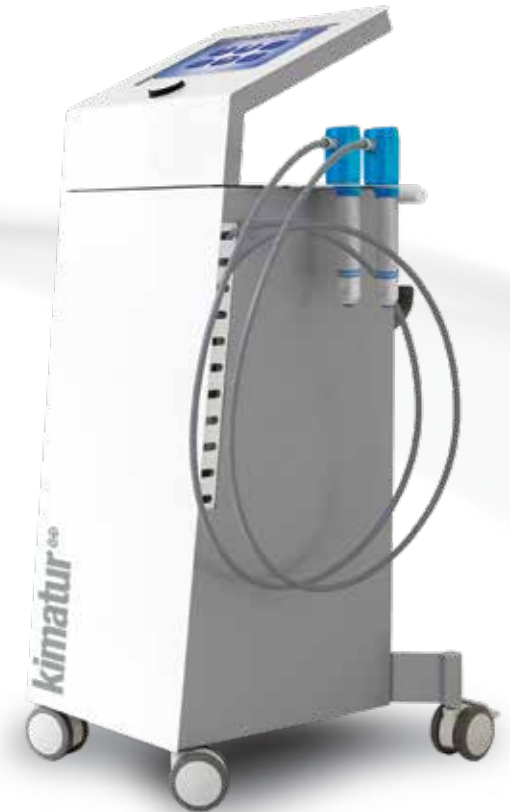


World-wide innovation by TUR

Our most recent model, kimatur DUO, features a function that is unique and is introduced for the first time by TUR; it gives the possibility to work simultaneously with two handpieces.

The operational parameters of each handpiece can be set individually, while both handpieces deliver full energy. The modulated pressure and frequency mode, typical for the TUR shockwave range, and proven to enhance cell regeneration in in-vitro studies, is also available in this model.

Additionally, the unique interference mode can be applied. The acoustic waves produced by the two handpieces interfere with each other amplifying the energy and creating a third virtual frequency. A further effect is the asynchronous wave transduction, that promotes blood and lymph circulation. Thus, deeper tissues can be reached, while the frequency interference creates a soothing, vibration effect.



Fascia treatment with the kimatur DUO

With our new shockwave model, the treatment of myofascial pain syndrome becomes more effective than ever before. This new technique combines the application of high energy waves on the trigger point with simultaneous conditioning of the muscle body. The analgesic effect is achieved quicker than with the classic application, while the session time is decreased!

kimatur DUO is more effective compared to the standard devices in the market in various applications including medical aesthetic applications such as cellulite treatment, physiotherapy and rehabilitation applications e.g. treatments of the fascia, as well as in a number of pathologies that arise from poor circulation.



kimatur GO

The kimatur line could not have been complete without a device that allows the therapist to use it out of the clinic!

The kimatur GO is smaller but not weaker. Utilizing the expertise in pneumatic systems, we have achieved to deliver the high energy waves that kimatur PRIME manages, with a smaller size compressor. The new device can be transferred to different places in its heavy duty carrying bag that protects it and allows it's use without removing the device. The trolley has space to put all the necessary accessories and materials needed for a successful therapy!



Should the applications required take place out of the therapist's office, kimatur GO is the best option for you. It is the only device that combines portability with high energy and frequency levels. Sport physiotherapy and veterinary doctors can particularly benefit from the kimatur GO, since they can offer their treatments "on the field".

Once back in the office, kimatur GO can be easily placed on the avventur trolley to look like our high-end therapy tower that houses the rest of our models.

Applicators



SM 12mm, Quasi focused

Pain Therapy, Trigger Therapy, Calcifications



SP 12mm

Pain therapy, Contractions, Superficial small painful muscles



MT 14mm, Deep reach

Pain therapy, Deep Lying Trigger points



MM 14mm

Pain Therapy, Trigger therapy, Large Calcific deposits, Medium sized muscle conditioning



MP 14mm

Superficial medium sized muscles, Heel Spur, Upper surface of the foot



LP 20mm, Vibra move

Connective Tissue, Scar Marks, Painful large, superficial muscle groups



LM 20mm

Large Muscle groups conditioning, Skin deep injuries, Cellulite



XLP 28mm

Cellulite, Lax Skin, Stretch Marks



XLM 28mm

Cellulite, Lax Skin, Stretch Marks



XXLP 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 impulses	0-9999
Frequency	1-22 / 35 optional
Max. pressure	5 bars / 6,6 bars working pressure
Min. pressure	0,4 - steps of 0,2
Modes of operation	Continuous, dynamic
Pressure modulation	Yes
Frequency modulation	Yes
Slow pressurization	Yes
Energy density max.	0,72 mJ/mm ²

Design Software

Therapy protocols	Yes, 55 physio applications
Patient database	Up to 1.000.000 entries expandable
Integrated application guide	Yes, with 3D anatomical photos
Operational system	Windows CE
VAS	Yes, in three conditions
VAS progress report	Yes, in three conditions
Report printing	Yes
PC interface	Yes

Applicators

Number of applicators	13
Number of impulses per revision kit	2.000.000
Change of revision kit by the user	Yes, easy and safe

Design (PRIME, DOUBLE, DUO)

Weight - generator, screen, trolley	max. 50 Kg
Weight - handpiece	800 g
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 600 x 800 pixels

Design (GO)

Weight	max. 12 Kg
Weight - handpiece	800 g
Dimensions of the entire unit (w x h x l)	330 x 320 x 230 mm
Display device	Graphic colour touch screen diag. 12.1" / 30.7 cm, resolution 600 x 800 pixels

Energy supply

Net	100 - 230 VAC / 50 - 60 Hz (kimatur GO) 230 ± 10% 50 - 60 Hz or 115 ± 10% 50 - 60 Hz (kimatur PRIME, DUO, DOUBLE)
Equipment protection	Protection Class I / Protection degree IP10
Externally replaceable fuses	2A
Power switch according to IEC 60601-1	Yes

Classification

Applied section	Type BF
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Hergestellt von:



GmbH an ISO 13485:2016 certified company

TUR GmbH | Grubenstraße 20 | 18055 Rostock | Germany

Tel: +49 3303 5088 0 | Fax: +49 3303 5088 11

Mail: info@tur-web.com

www.tur-web.com



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