



First-class design and the latest operating technology  
Premium Class Spark Wave® Therapy  
Unique technology – efficient and dynamic

orthogold100®



## orthogold100<sup>®</sup> — premium class multi talent

Easy operation lets you focus your attention on what's really important – your patients. Touch screen and touch wheel provide up-to-date navigation in daily use. Various different applicators enable efficient treatment of a wide range of indications and allow economical utilization of the equipment in your practice.

You determine all relevant treatment parameters for your patient via high-resolution LCD touch screen monitor.



## Widening range of ESWT indications ORTHO - TRAUMA - TRIGGER - SPORT

The effectiveness and treatment efficiency of ESWT has been proven extensively for numerous clinical indications. The research department of MTS provides new impulses in the regeneration of tissue and repair processes. The results of new evidence studies give rise to the expectation of an even wider range of ESWT applications in the future.

The patented MTS Spark Wave® Technology provides high-quality shock waves and optimal treatment quality.

orthogold100® is equipped with MTS patented Spark Wave® Technology which reduces the tensile portion of the shock waves thus minimizing adverse effects. The orthogold100® unique high positive shock wave energy guarantees the best possible treatment quality and results. Furthermore, the also patented SmarTrobe electrode provides consistent shock wave performance which is exclusively available with MTS Spark Wave® systems as well as the most effective treatment option for numerous orthopaedic indications.



The applicators are distinguished by their outstanding ergonomic design and little weight. They assure the user of comfortable handling in any treatment situation.

## Small, compact, high-grade. A must have for every user.

Compact and modern design qualifies the orthogold100® particularly for mobile use in practices and hospitals. The applicators are characterized by their ergonomics and light weight and assure the user of comfortable handling. High quality, expertly crafted materials and the latest progressive MTS Spark Wave® Technology make the orthogold100® a must have for quality-conscious users.

## Economically convincing all-in-one solution for your daily routine

The applicators, interchangeable by fingertip on the touch screen, guarantee the user a maximum range of treatments.

### Orthopedic standard indications – focused applicator OE050

Proven therapy applicator for the treatment of:

- Calcaneal spur
- Tendinosis calcarea
- Achillodynia
- Epicondylopathia humeri radialis and ulnaris (tennis elbow/golfer's elbow)

as well as every other orthopedic indication as listed by ISMST.

### Trigger therapy – soft-focused applicator OE035

Unique trigger therapy applicator, due to its optimized acoustic characteristics suitable for the treatment of deeper situated as well as surface trigger points.



# orthogold100<sup>®</sup>



## Technical Data

### Applicator OE35

Therapeutic Focus fz (-6dB):	0 – 79 mm
Energy Flux Density (ED):	0.01 – 0.16 mJ/mm <sup>2</sup>
Focus Energy (E total / -6dB):	0.34 – 4.22 mJ

### Applicator OE50

Therapeutic Focus fz (-6dB):	0 – 62 mm
Energy Flux Density (ED):	0.03 – 0.27 mJ/mm <sup>2</sup>
Focus Energy (E total / -6dB):	0.3 – 6.15 mJ

Dimensions:	21.8 x 40 x 45.9 cm
Power Supply:	AC 100 - 240 V, 50 - 60 Hz
Power Input:	200 VA
Repetition Rate:	0.5 - 8 Hz
Weight:	16.5 kg

MTS is specialized in development, manufacture and distribution of Spark Wave<sup>®</sup> therapy systems that are successfully used worldwide in orthopedics, traumatology, wound care and urology. Our patented Spark Wave<sup>®</sup> technology guarantees the medically most effective shock waves, a consistently high treatment quality as well as excellent treatment results that are achieved with the lowest number of treatments required of all technologies.

For the development of innovative therapy methods – even for indications which are hard to treat – we cooperate with internationally renowned universities and research institutions and are able to offer not only numerous clinical evidence studies but also a leading position in different international markets. We therefore consider ourselves among the pioneers in the field of non-invasive tissue healing and regeneration. Let yourself be convinced by the Spark of Evidence.



MTS Medical UG  
Robert-Bosch-Str. 18  
78467 Konstanz, Germany  
Tel +49 (0) 7531 36185-0  
Fax +49 (0) 7531 36185-70  
info@mts-medical.com  
www.mts-medical.com

 **MTS**  
**SPARK OF EVIDENCE**