



# LDM Noblesse

ParagonCare



## LDM®-Noblesse

**LDM®-Noblesse** is an ultrasonic device intended for special treatments in aesthetic medicine. Developed by WELLCOMET, the device features three new technologies in addition to traditional ultrasonic treatments that considerably improve treatment effectiveness.

### LDM®-Noblesse Treats

- Wrinkles and Folds

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- Skin Tightening (Face and Body)

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- Connective Tissue Lift

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- Skin Rejuvenation and Brightening

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- Phonophoresis

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- Acne

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- Hypertrophic Scars

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- Contusions

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- Stretchmarks

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### What is LDM®?

**LDM® (Local Dynamic Micro-massage)** is a dual-frequency ultrasound technology that mixes two ultrasound waves of different frequencies in a rapid alternation to create a novel LDM® wave.

**LDM®-Noblesse** offers up to three different dual-wave combinations - LDM® waves with frequencies of 1/3 MHz, 1/10 MHz, and 3/10 MHz. These 'hybrid waves' produce pressure gradients within tissue that can specifically and deeply affect both individual cells and whole structures of the extracellular matrix.

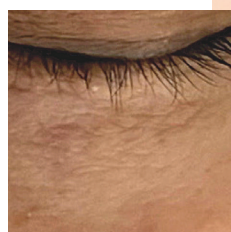
Before

After



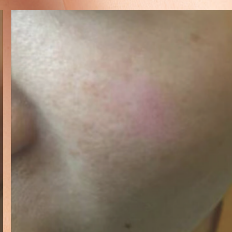
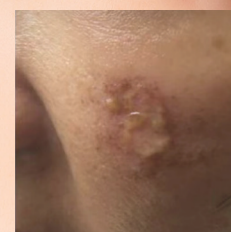
Before

After



Before

After



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## What is Triple LDM®?

Triple LDM® is a further development of the LDM® technology and similar to the LDM® technology, is an innovation in the aesthetics market that involves an instantaneous change between different frequencies.

## What effect does LDM® have on the skin?

The ultrasonic waves used in the LDM®-Noblesse can modulate individual tissue structures and intervene in dynamic processes of the connective tissue.

They not only regulate the matrix metalloproteinases (MMPs), primarily responsible for tissue degradation, but influence the production of heat shock proteins (HSPs) necessary for proper protein control in tissue.

Hyaluronic acid (HA) levels in the skin can also be influenced by certain ultrasound frequencies that in turn can lead to more turgor and rapidly visible structural changes in tissue.

## Why select LDM®-Noblesse?

Painless & unintrusive

Short treatment time

Tailored for effortless staff training

Lack of downtime between treatments

Reduced risk of infection

Improves skin barrier & long-term skin health

Can be used in conjunction with other treatment systems on the market

High-quality allergen-free titanium heads with gold elements for safety

No expensive consumables

13 preset treatment programs for efficiency

Customisable individual mode


# Enable your practice

with the transformative capabilities of LDM<sup>®</sup>-Noblesse.

## Technical Data

Ultrasound frequencies:	1 MHz, 3 MHz, 10 MHz, LDM <sup>®</sup> 1/3 MHz, LDM <sup>®</sup> 3/10 MHz, LDM <sup>®</sup> Triple 1/3/10MHz
Treatment Heads:	Sonotrode #1 - 1/3/10 MHz - size: 5.0cm <sup>2</sup> , 300g
Treatment Modes:	cont., 1:2, 1:5, 1:10, dual LDM <sup>®</sup> , triple LDM <sup>®</sup>
Intensity:	up to 3.0 W/cm <sup>2</sup>
Instrument safety:	Protection class 1
Mains voltage, power consumption:	220V / 230V, 50/60 Hz, 80 VA
Main fuses:	250 V, 2 x TL 0.63A
Dimensions (H x W x D):	160 x 410 x 275 mm
Weight:	8.0 kg

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 **WELLCOMET<sup>®</sup>**  
TECHNOLOGY