

DORNIER MEDILAS® H 140

BRINGING POWER TO PERFECTION

LASER TECHNOLOGY IN ENDOUROLOGY



 **Dornier MedTech**

DORNIER DELIVERS

UNMATCHED POWER AND SPEED WITH UNRIVALED VERSATILITY

WHY MEDILAS® H 140?

- Intended for a variety of soft and hard tissue surgical procedures, this powerful high-energy device delivers spectacular treatment efficiency in endourology with 140 Watt power and up to six Joule energy
- Frequency of 100 Hertz ensures fast dusting and cutting procedures with excellent hemostasis
- An optional, integrated morcellation module enables streamlined and economically efficient BPH treatments
- Complete fiber portfolio
- Split display screen usable with two pedal footswitch

OPTIONAL INTEGRATED MORCELLATION MODULE

- Unique combination of laser with auxiliary morcellation module facilitates highly efficient BPH treatment with one single device: an all-in-one solution for complete HoLEP treatment
- Rotating knife inside the handpiece enables safe and highly effective tissue morcellation

Integrated morcellation module offers:

- Specific suction and teeth geometry of the blade hold on to tissue for morcellation, ensuring adenoma tissue is rarely lost
- Low fluid consumptions keep the bladder filled during the procedure and reduce the risk of bladder wall perforation
- Variable suction speed helps remove any blockages in the knife
- Integrated container filters collect extracted tissue for histopathological examination

THE INTENDED USE OF THE DEVICE IS FOR:
SOFT TISSUE CUTTING, ABLATION, COAGULATION AND
VAPORIZATION, AND HARD TISSUE FRAGMENTATION,
IN THE FOLLOWING MEDICAL SPECIALTIES:

Urology:

- **HoLEP** (Holmium Laser Enucleation of the Prostate)
- **Urethrotomy** (treatment of urethral strictures)
- **Bladder neck incision** (BNI) and **coagulation**
- **Urinary Lithotripsy:** Endoscopic fragmentation and pulverization of urethral, ureteral, bladder and renal stones

Gastroenterology:

- Endoscopic fragmentation and pulverization of biliary/bile duct calculi

DISCOVER THE POWER, SPEED AND VERSATILITY OF THE
DORNIER MEDILAS® H 140

DORNIER DELIVERS

FAST CLASS DUSTING

With highest frequency of 100 Hz, Medilas® H 140 provides supreme speed in stone dusting, ensuring streamlined efficiency in stone procedures

WHAT HIGH POWER CAN MEAN FOR YOU

Laser power is a combination of pulse energy and frequency. The higher the power, the faster – or more intense – the laser-tissue interaction or laser-stone interaction.

WHAT HIGH POWER MEANS FOR YOU

- Reduce treatment time with the highest available power available today – delivering extraordinary surgical precision and efficiency
- Streamline stone procedures with 100 Hertz fast class dusting
- Enucleate and cut tissue with great efficiency, with simultaneous hemostatic effect due to high absorption of 2,100 nm wavelength in water
- Treat prostate adenomas of virtually any size
- Improve visibility during enucleation procedure with high energy pulses
- Decrease stone movement during laser lithotripsy and improve hemostatic effect with long pulse durations
- Choose between short, medium and long pulse length options

HARNESS THE POWER OF THE DORNIER MEDILAS® H 140

DORNIER MEDILAS® H 140 WAS DESIGNED BY DORNIER MEDTECH

PIONEERING TECHNOLOGIES AND REVOLUTIONARY THERAPIES FOR THE ULTIMATE TREATMENT EXPERIENCE IN UROLOGY.

Headquarter

Dornier MedTech GmbH
Argelsrieder Feld 7
D-82234 Wessling
Germany

America

Dornier MedTech America, Inc.
1155 Roberts Boulevard N.W.
Kennesaw, Georgia 30144
Phone: 770-426-1315
Fax: 770-514-6291
Email: info@dornier.com

Asia/Pacific

Dornier MedTech Asia Pte Ltd
2 Venture Drive
#23-18 Vision Exchange
Singapore 608526
Phone: +65-6572-6068
Fax: +65-6572-6093
Email: infoasia@dornier.com

Japan

Dornier MedTech Japan
Meguro Estate Building
3-8-5 Kami-Ohsaki
Shinagawa-ku, Tokyo 141-0021
Japan
Phone: +81-3-3280 3550
Fax: +81-3-3280 3555
Email: info.japan@domedtech.co.jp

Europe

Dornier MedTech Europe GmbH
Argelsrieder Feld 7
D-82234 Wessling
Germany
Phone: +49-8153-888-625
Fax: +49-8153-888-444
Email: infoeurope@dornier.com

Dornier MedTech Italia s.r.l.
Via Arrigo Cavaglieri N. 26
00173 Rome
Italy
Phone: +39-06-72 35 289
Fax: +39-06-72 35 302

Dornier MedTech España, S.L.
Av. Alcalde Barnils, 64-68
Módulo A - 1º 3º
08174 Sant Cugat del Vallés
(Barcelona)
Spain
Phone: +34-93-203 9316
Fax: +34-93-205 3814

Dornier MedTech France SARL
Ferme de St Paul
1545 route d'Epagny
F-74330 Sillingy
France
Phone: +33-450-22 18 94
Fax: +33-450-24 24 63

Dornier MedTech Europe GmbH
Moscow Representative Office
Uliza Mytnaya 3
Office 21
119049 Moscow
Russia
Phone: +7-495-739 51 32
Fax: +7-495-739 51 33



DANGER
VISIBLE AND INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION
CLASS II LASER PRODUCT (IEC 60825-1:2014-05)

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