

Dornier Medilas[®] H 140



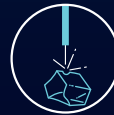
**One of the most
powerful urological lasers
on the market.**

More power to you.

140 W
POWER

100 Hz
FREQUENCY

Applications supported



Urinary Lithotripsy



HoLEP



Urethrotomy



Bladder Neck Incision



Gallstones & Bile Duct Stones



H 140 at a glance



One of the highest powered lasers on the market

A high power laser can give you faster procedures and more options for customized treatment.



High-powered laser and morcellator in one device

It's expensive to buy two separate machines (a high-power laser and a morcellator) to perform HoLEP procedures. The H140 gives you both capabilities for a lower overall cost.

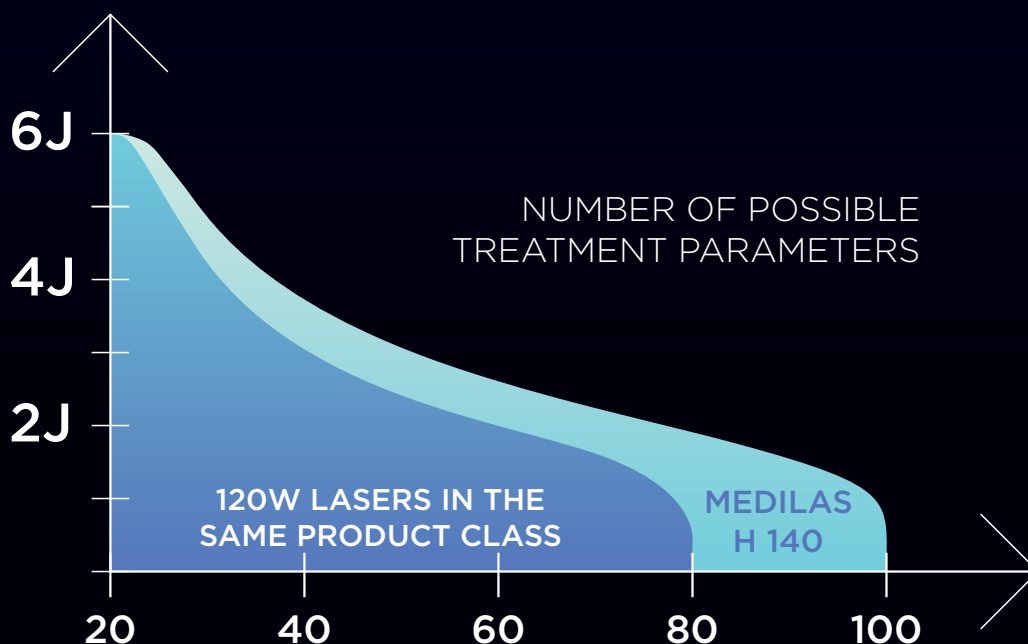


A safer and faster oscillating morcellator

Oscillating morcellator blades have been shown to be faster and safer than reciprocating blades.

More power, more options

Having more power and frequency gives the expert user more options for customized treatment.



Power to the urologist.

Here's why you need a high-powered laser.

SAFER HoLEP

The H 140's high-power laser allows you to enucleate cleanly without relying too much on the "helping hand" of the resectoscope to separate the adenoma from the surgical capsule.

This is safer for the patient, as physical separation using the resectoscope tip typically causes more tissue damage, bleeding and incontinence.

FASTER HoLEP

Power matters! Especially in medium and larger-sized prostates; more power leads to shorter operating times.

Shorter anesthesia times reduce operative stress to the patient.

FASTER STONE DUSTING

The H 140 has the highest frequency in the market, allowing for shorter procedure times.

All-in-one solution



The H 140 arms you with two powerful urological capabilities in one compact device. The unique combination of laser and auxiliary morcellation module facilitates efficient BPH treatment with a single device. This is truly an all-in-one solution for complete BPH treatment.

OPTIONAL

Integrated morcellator

FASTER & SAFER MORCELLATION

Our morcellator boasts an excellent morcellation rate of 13g/min*.

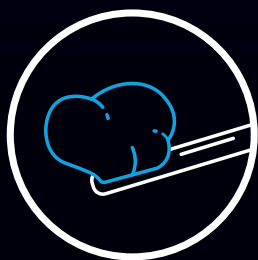
The oscillating morcellation technique improves safety compared to the reciprocating technique.

REDUCED “ROLLING BALL” EFFECT

The rolling ball phenomenon, also known as “crazy ball” or “beach ball”, occurs when hard adenoma tissue with a smooth surface is difficult to grasp by the morcellator blades, prolonging surgery time. Oscillating blades reduce the chances of this happening.

NO MORE CONTAINER SWAPS

There is no need to swap out containers to empty out collected irrigation fluid. Irrigation fluid is elegantly piped straight into your drainage sink, with the tissue filtered out.



13 G/MIN
MORCELLATION RATE



REDUCED
“ROLLING BALL”
EFFECT



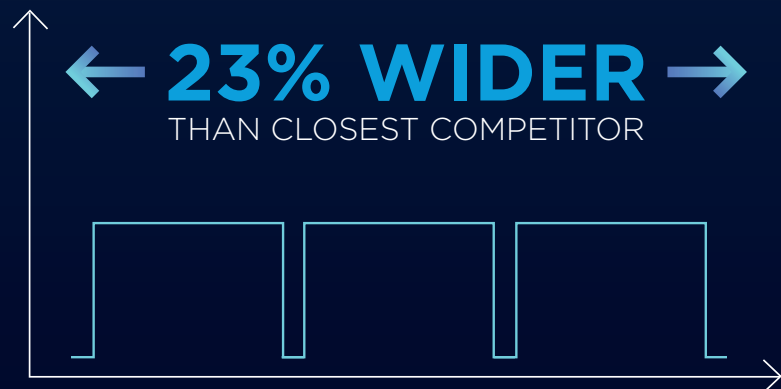
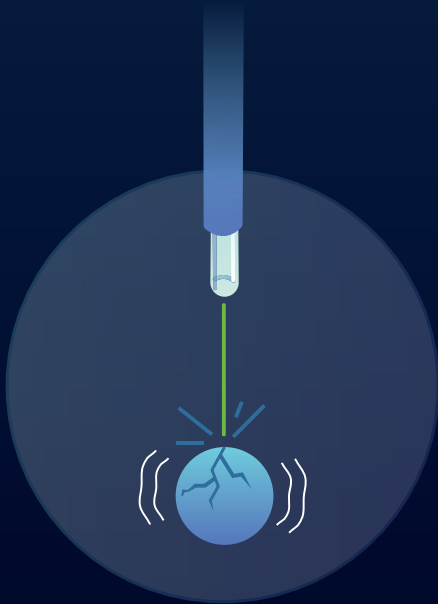
**OSCILLATING
KNIFE**



*In vitro.

Reducing retropulsion

The H 140's long pulse setting (up to 1600 μ sec) helps reduce retropulsion during lithotripsy, allowing for more effective and efficient treatment.



Other benefits



FLEXIBILITY ON POWER REQUIREMENTS

Nearly universal power compatibility with 1-phase power supply.



NO NEED FOR CONTAINER SWAPS

No need for container swaps as irrigation fluid is piped straight into your drainage.



ROBUST FIBER PORTFOLIO

A wide variety of high-quality laser fibers so you are prepared for any patient case.



SMART FOOT SWITCH

Three pedal footswitch allows easy switching between treatment modalities. For example, HoLEP and coagulation mode can be assigned to separate pedals.



ERGONOMIC TOUCHSCREEN

A bright touchscreen that is moveable and angle-adjustable.

Highlights



LASER POWER

4 - 140 W

FREQUENCY

5 - 100 Hz

LASER ENERGY

0.2 - 6 J

WAVELENGTH

2100 nm

PULSE DURATION

150 - 1700 μ sec

MORCELLATOR SPEED

500 - 3000 rpm

DORNIER MEDILAS® H 140

DORNIER MEDTECH IS KNOWN FOR
ITS PIONEERING TECHNOLOGIES AND
REVOLUTIONARY THERAPIES IN UROLOGY.

LEADING TECHNOLOGY, IMPROVING LIFE.



DANGER
VISIBLE AND INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT (IEC60825-1:2014-05)

Headquarters

Dornier MedTech GmbH
Argelsrieder Feld 7
82234 Wessling
Germany

America

Dornier MedTech America, Inc.
1155 Roberts Boulevard N.W.
Kennesaw, Georgia 30144
Phone: +1-770-426-1315
Fax: +1-770-514-6291
Email: info@dornier.com

Asia/Pacific

Dornier MedTech Asia Pte Ltd
Vision Exchange
2 Venture Drive, #23-18
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
82234 Wessling
Germany
Phone: +49-8153-888-625
Fax: +49-8153-888-444
Email: infoeurope@dornier.com

Dornier MedTech Italia s.r.l.
Via Di Grotte Portella 28
Palazzina B Clorofilla
0044 Frascati (Rome)
Phone: +39 06 7235289
Fax: +39 06 7235302
Email: italy@dornier.com

Dornier MedTech España, S.L.
Av. Alcalde Barnils, 64-68 -
Módulo A - 1º 3ª
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
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

www.dornier.com

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