

Dornier Medilas[®] H 100



**The most value-for-money, all-in-one
solution for laser stone treatment**

A powerful all-rounder.



100 W
POWER

75 Hz
FREQUENCY





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 H100 gives you both capabilities for a lower overall cost.

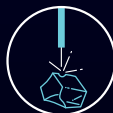


A safer and faster oscillating morcellator

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



Applications supported



Urinary Lithotripsy



HoLEP



Urethrotomy



Bladder Neck Incision



Gallstones & Bile Duct Stones

All-in-one solution

The H100 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.



**High-powered
laser**



Morcellator



Cost-efficient

One machine with an integrated morcellator is more value-for-money than two separate machines for laser and morcellation.



Time-efficient

Save on procedure time by not having to switch equipment to perform morcellation.



Less training needed

Operating staff needs to be trained on only one device.

OPTIONAL

Integrated morcellator

FASTER & SAFER MORCELLATION

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

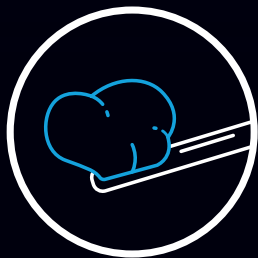
The oscillating morcellation technique improves safety compared to the reciprocating technique.

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

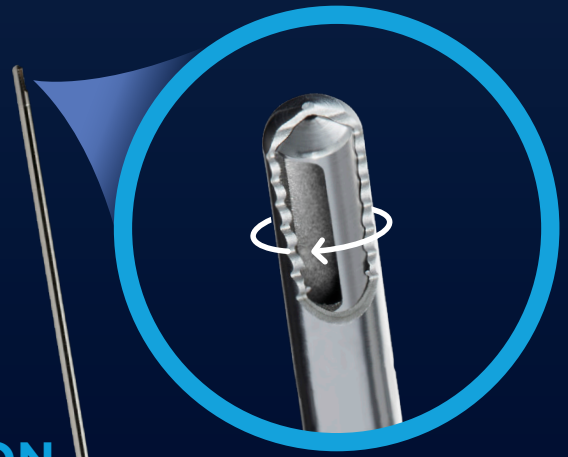
There is no need to swap out containers to empty out collected irrigation fluid. Irrigation fluid is elegantly piped straight into your drainage sink, with the tissue filtered out.



13 G/MIN
MORCELLATION RATE



REDUCED
“ROLLING BALL”
EFFECT



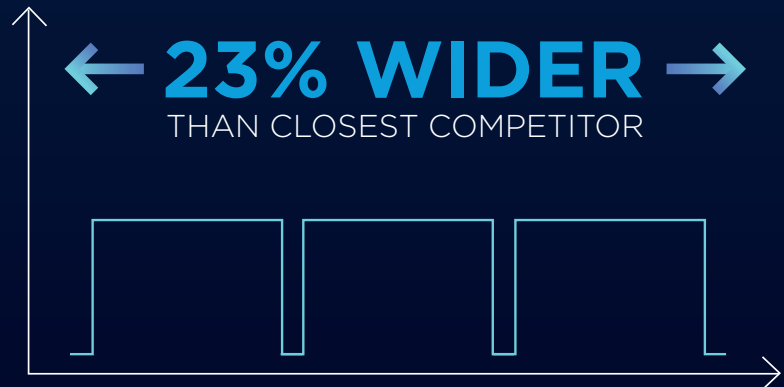
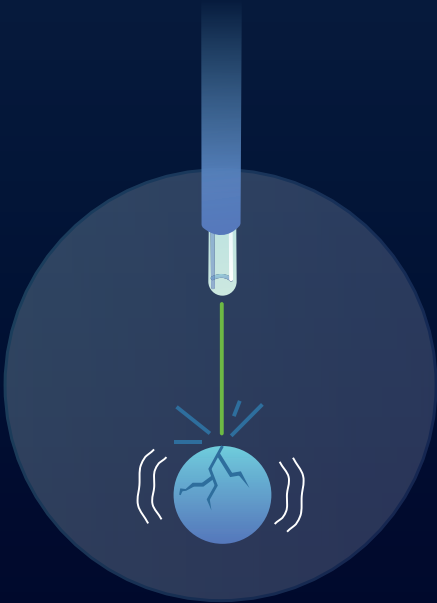
OSCILLATING
KNIFE



*In vitro.

Reducing retropulsion

The H 100's long pulse mode (up to 1600 μ sec) helps reduce retropulsion during lithotripsy, allowing for more effective and efficient procedures.



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.



SAFETY FOOT SWITCH

Three pedal footswitch allows hands free operation and 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 - 100 W

FREQUENCY
5 - 75 Hz

LASER ENERGY
0.2 - 6 J

WAVELENGTH
2100 nm

PULSE DURATION
150 - 1700 μ sec

MORCELLATOR SPEED
500 - 3000 rpm

DORNIER MEDILAS® H 100

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)

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