

Dornier Medilas[®] H100



**All-in-one high power solution
for urological laser applications**

A powerful all-rounder.





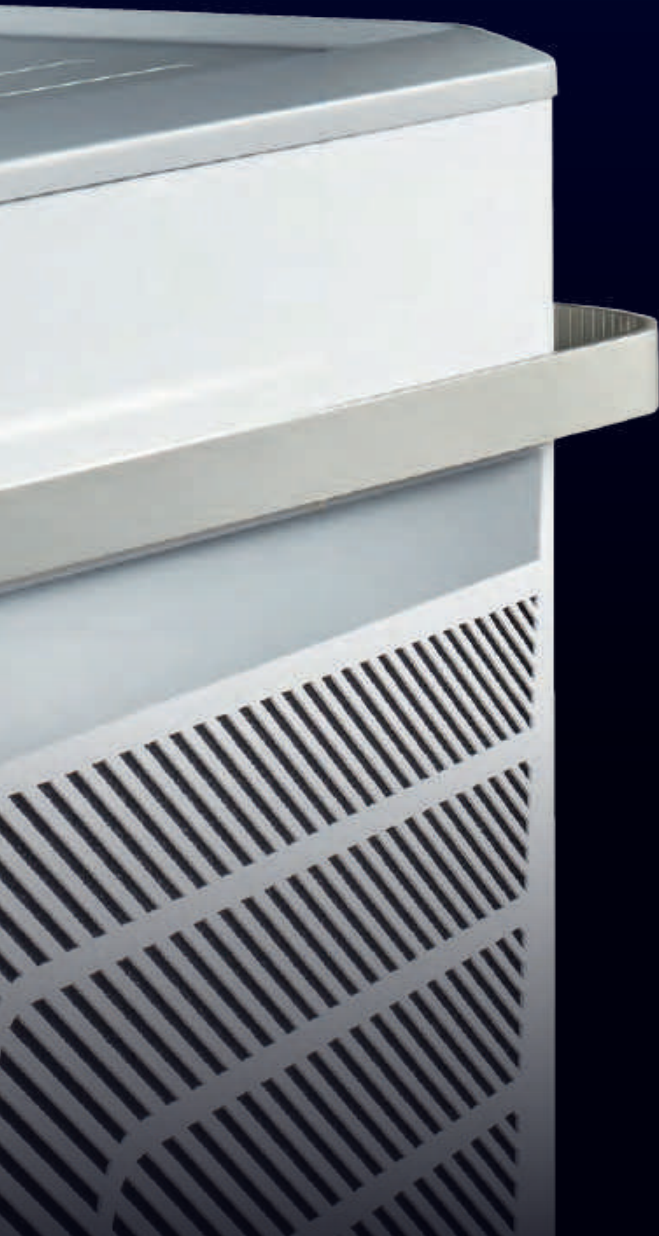
High-powered Holmium:YAG laser and morcellator in one device

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.

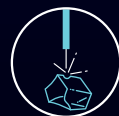


A safer and faster oscillating morcellator

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



Applications supported



Laser Lithotripsy



BPH



Bladder Tumor



Strictures



Hepatobiliary
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

The morcellation technique boasts an excellent morcellation rate of 13g/min*.

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

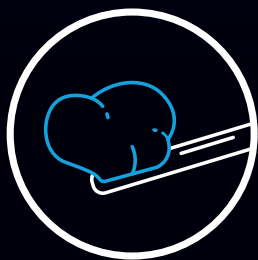
REDUCED “ROLLING BALL” EFFECT

The rolling ball phenomenon happens when hard smooth adenomatous nodules - often called crazy balls or beach balls - are difficult to morcellate; demanding additional OR 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.

OSCILLATING
BLADE



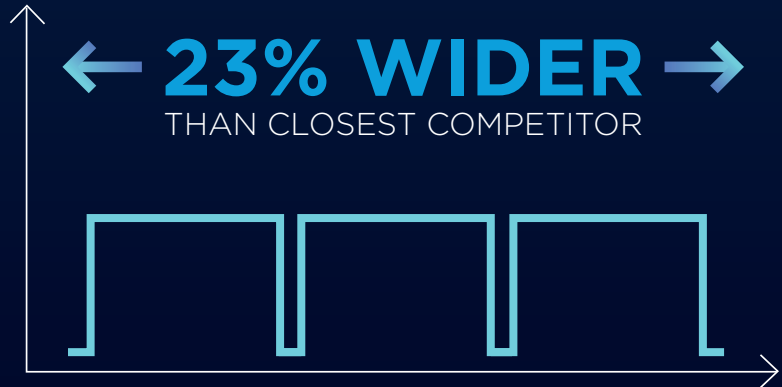
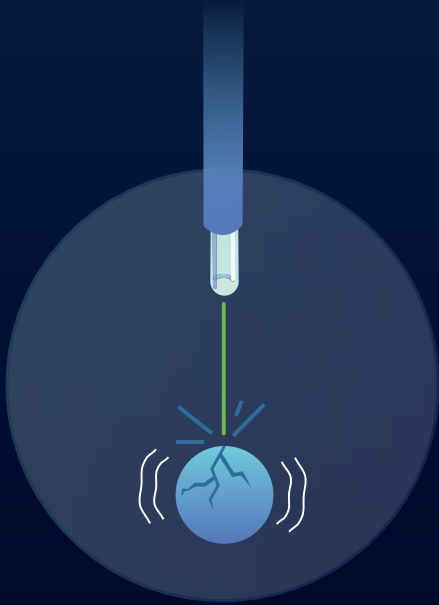
13 G/MIN
MORCELLATION RATE



REDUCED
“ROLLING BALL”
EFFECT

Reducing retropulsion

The H100'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

1.25 - 100W

FREQUENCY

5 - 75Hz

LASER ENERGY

0.25 - 5J

WAVELENGTH

2100nm

PULSE DURATION

150 - 1600μsec

MORCELLATOR SPEED

500 - 3000rpm

DORNIER MEDILAS® H100 WAS DESIGNED BY DORNIER MEDTECH

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

LEADING TECHNOLOGY, IMPROVING LIFE

KINDLY CHECK WITH DORNIER SALES REPRESENTATIVES IN YOUR AREA FOR AVAILABILITY OF THE PRODUCT AND ACCESSORIES.



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