



DORNIER MEDILAS H SOLVO 35

Highly Efficient.
Thoughtfully Designed.
Brilliant Performance.

Why Medilas H Solvo 35

The industry's gold standard Ho:YAG laser technology, in 35 watts, with Dornier's uniquely engineered Advanced mode.

The Solvo 35 is designed for lithotripsy, as well as surgical cutting, coagulation and the removal of soft tissue.



Six application modes to meet your treatment needs



Ability to improve efficiency, potentially reduce operating times (with Dornier's Advanced mode)¹



Thoughtfully designed for optimal workflow efficiency

¹ Alghamdi, A., Kretschmer, A., Stief, C. G., & Strittmatter, F. (2020). Influence of the laser pulse shape in the treatment of stones in the upper urinary tract. *Investigative and Clinical Urology*, 61(6), 594. <https://doi.org/10.4111/icu.20200130>

Thoughtfully designed for optimal workflow efficiency

Effortless mobility and setup

Lightweight, compact, and equipped with a large storage compartment; easy to set up

Near-zero start-up time

Select your preferred application mode and get started

Low-noise emission

Designed for a conducive working environment

Wireless footswitch option

Provides hands-free control while minimizing the risk of cable-related hazards within the operating room



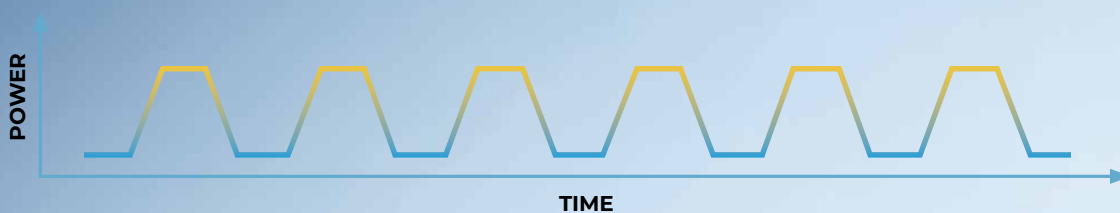
Six application modes to meet your treatment needs

- Developed to provide a variety of treatment options for lithotripsy and soft tissue applications
- Preset application modes make selecting the right treatment parameters easy with the simple touch of a button

Discover Dornier's Advanced mode

Our integrated Advanced mode demonstrates the ability to reduce stone movement and helps to shorten treatment time for the patient.¹

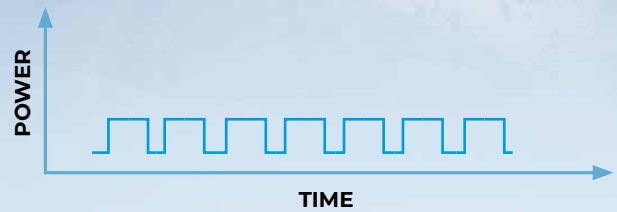
Using a uniquely engineered pulse shape, laser intensity is precisely controlled within the pulse and aims to minimize retropulsion force.¹





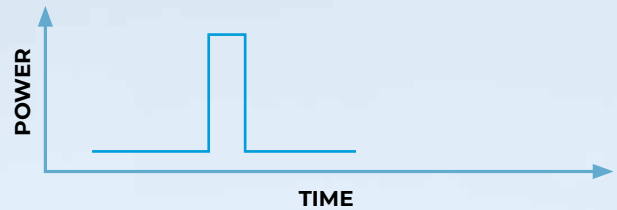
Dusting mode

Low pulse energy and high frequency for stone disintegration into the tiniest fragments possible



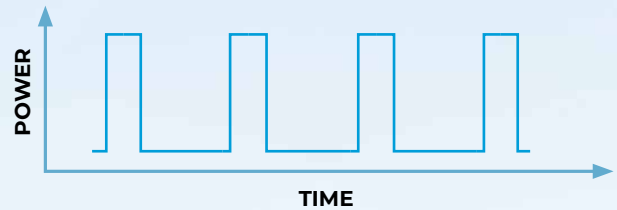
Single Pulse mode

Controlled pulse transmission ensures highly precise targeting of smaller stones located in challenging areas



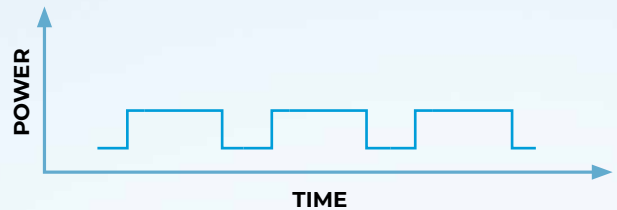
Fragmenting mode

High pulse energy and low pulse frequency for breaking larger or hard stones in the kidney or ureter



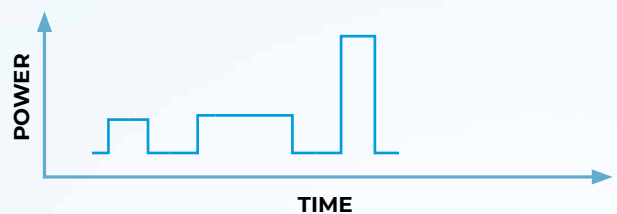
Soft Tissue mode

Specifically developed for soft tissue applications such as ablation and coagulation



Standard mode

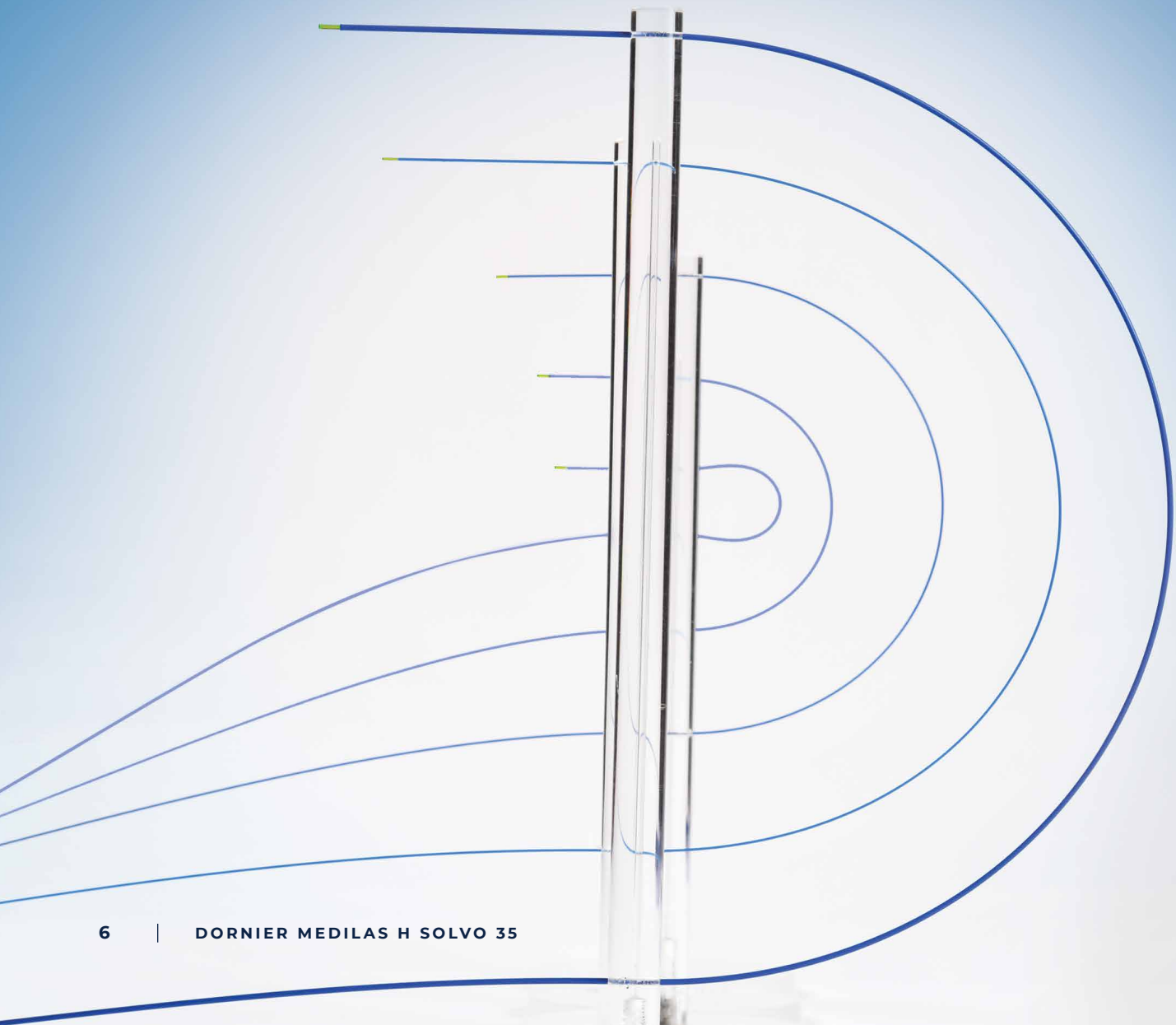
Suitable for urinary stones and selected soft tissue treatments with wide range of energy and frequency parameters



Dornier FlexFiber Collection

Made for precision

- Offered in a range of sizes and designs to suit your preferences
 - *Single-use fibers: facilitate convenient handling and prevent cross-contamination*
 - *Reusable fibers: designed for reliability and durability*
- Built for precision and highly efficient energy transmission
- Guaranteed compatibility for safe and effective use with Dornier lasers



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The Dornier Medilas Solvo H35 is a last generation holmium:YAG laser that offers a wide range of setups for different operative situations, both for ureteroscopy and percutaneous lithotripsy.

According to the treatment modality, different laser fiber sizes can be used. The laser has an easy-to-understand user interface. Several presets can be defined for stone fragmentation or stone dusting.

A unique feature is the “Advanced mode”, a pulse modification developed by Dornier that reduces stone propulsion and hence improves disintegration efficacy. In contrast to most other competitors, the Medilas Solvo has a wireless foot pedal that can be used to activate the laser and to change preset settings.

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Prof. Dr. med. Thomas Knoll

Chief of the Department of Urology at Klinik-Verbund Südwest, Germany





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