



Dornier MedTech

Dornier Compact Sigma

DORNIER COMPACT SIGMA

A truly modular
lithotripter



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Why Compact Sigma

When combined with other devices, such as C-arms, ultrasound scanners, and patient tables, this device transforms swiftly into a multi-functional urological solution.



Mobile and compact lithotripter for varied treatment needs



Excellent system efficiency for optimized treatment outcomes



Various imaging options for your ideal solution



Mobile and compact lithotripter for varied treatment needs

Remarkable capabilities

- Enhance lithotripsy practice through customized configuration to fit your unique needs
- QuickLinx - Dornier's integrated optical position control, for ease of C-arm alignment and faster procedure preparation

Plug and play

- No installation required; plug in and start operating instantly



Ergonomic design

- Easily transportable with large wheels and foldable therapy head
- Small footprint; requires minimal space in any operating room or storage facility

Wide range of applications

- Specially designed for ESWL and ESWT*

* Refer to page 7 for a list of indications

Excellent system efficiency for optimized treatment outcomes

Dornier's EMSE technology

- Most clinically proven shock wave technology, Dornier's exclusive¹
- Offers consistent quality performance with reliable energy output

Flexible therapy head positioning

- Facilitates large window of access to various stone locations with 36 therapy head positions
- Ensures patient comfort with over- and under- table positions as patients, particularly the elderly and obese, can remain supine throughout the procedures



Various imaging options for your ideal solution

Comprehensive suite of solutions

- Customize your imaging preferences with Dornier's trusted and qualified partners
- Achieve outstanding image quality with high-end Flat Panel Detector C-arms

Ultrasound-guided ESWL

- Eliminates radiation exposure for patients and users while allowing users to detect any type of stones
- Real-time monitoring offers immediate readjustment of patient positions when necessary and maintains stone alignment over the target zone
- Isocentric ultrasound imaging provides a high degree of flexibility and imaging quality²

Dual imaging option: The best of both worlds

- Comprehensive imaging capabilities, with the option of localizing stones using either X-ray or ultrasound imaging, or both simultaneously
- X-ray stone localization allows fast, initial positioning of the patient, while ultrasound provides real-time information on patient respiration and stone disintegration





Offering a broad range of applications

The Dornier Compact Sigma can be used for the following indications³:

Extracorporeal Shock Wave Lithotripsy (ESWL)	<ul style="list-style-type: none">• Renal pelvis and renal calyx calculi• Upper and lower ureteral calculi• Prevesical ureteral calculi• Biliary calculi, excluding gall bladder and cystic duct stones• Bile duct calculi• Pancreatic calculi
Extracorporeal Shock Wave Therapy (ESWT)	<ul style="list-style-type: none">• Impaired fracture healing and pseudarthrosis

Did you know?

The Compact Sigma can be operated remotely. This decreases the exposure to ionizing radiation for users and other healthcare personnel.

References

- ¹ Data on file at Dornier MedTech
- ² Macchione, N., Elia, A., Gofrit, O., Pode, D., & Duvdevani, M. (2013). SWL with continuous targeting by ultrasound; are there benefits? *European Urology Supplements*, 3(12), 51. [https://doi.org/10.1016/S1569-9056\(13\)61727-3](https://doi.org/10.1016/S1569-9056(13)61727-3)
- ³ Refer to the Dornier Compact Sigma Operating Manual for more information. Indications may differ depending on region.



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