



**DORNIER  
COMPACT SIGMA**  
A truly modular  
lithotripter

# 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 exclusive<sup>1</sup>
- 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 quality<sup>2</sup>

## 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 indications<sup>3</sup>:

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

## Did you know?

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

#### References

- <sup>1</sup> Data on file at Dornier MedTech
- <sup>2</sup> 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)
- <sup>3</sup> Refer to the Dornier Compact Sigma Operating Manual for more information. Indications may differ depending on region.



Scan the QR code for our  
**global office locations**

[www.dornier.com/locations](http://www.dornier.com/locations)