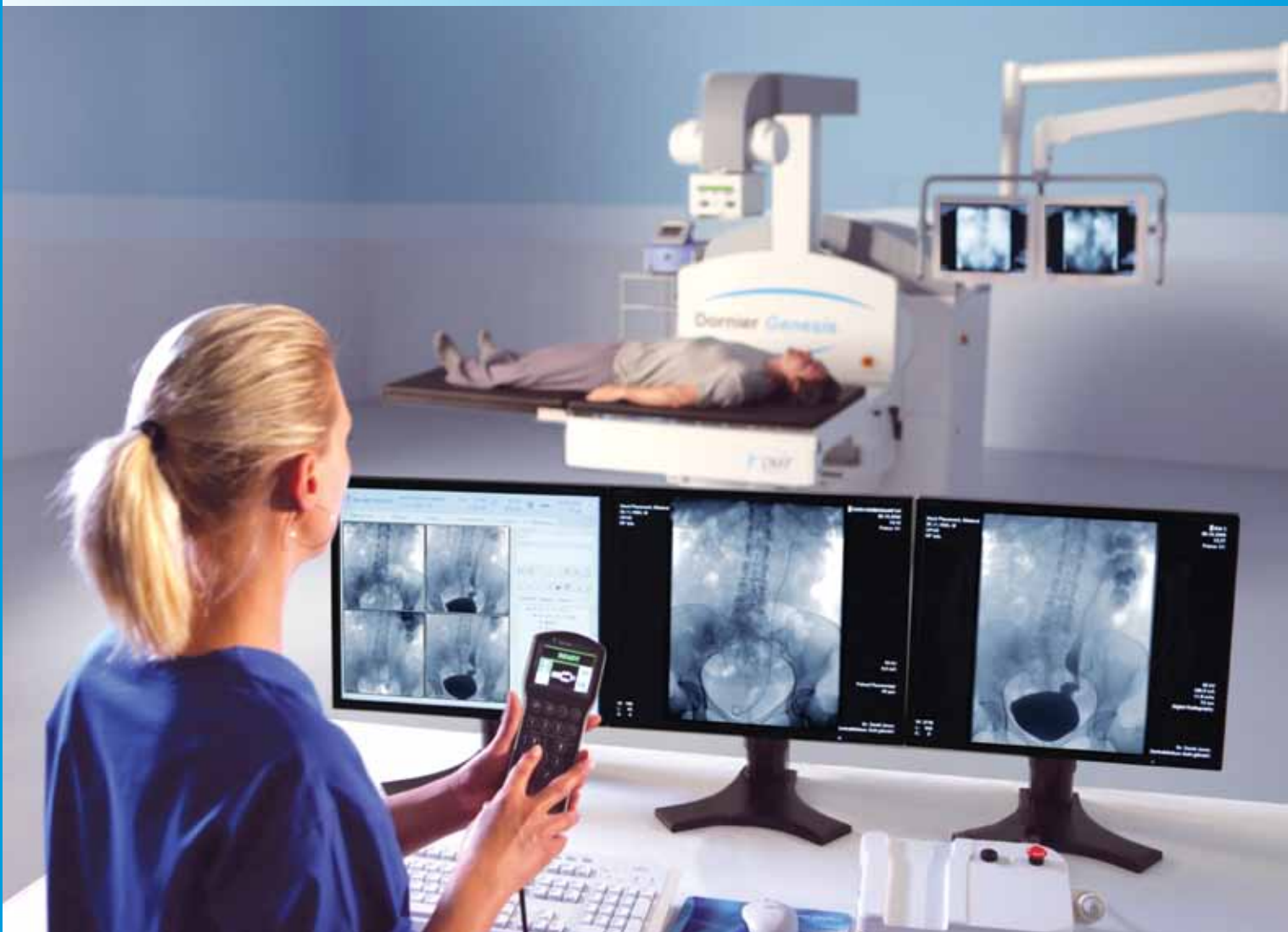


Dornier *Genesis*

Urology Imaging System with FPD



Dornier *Genesis*

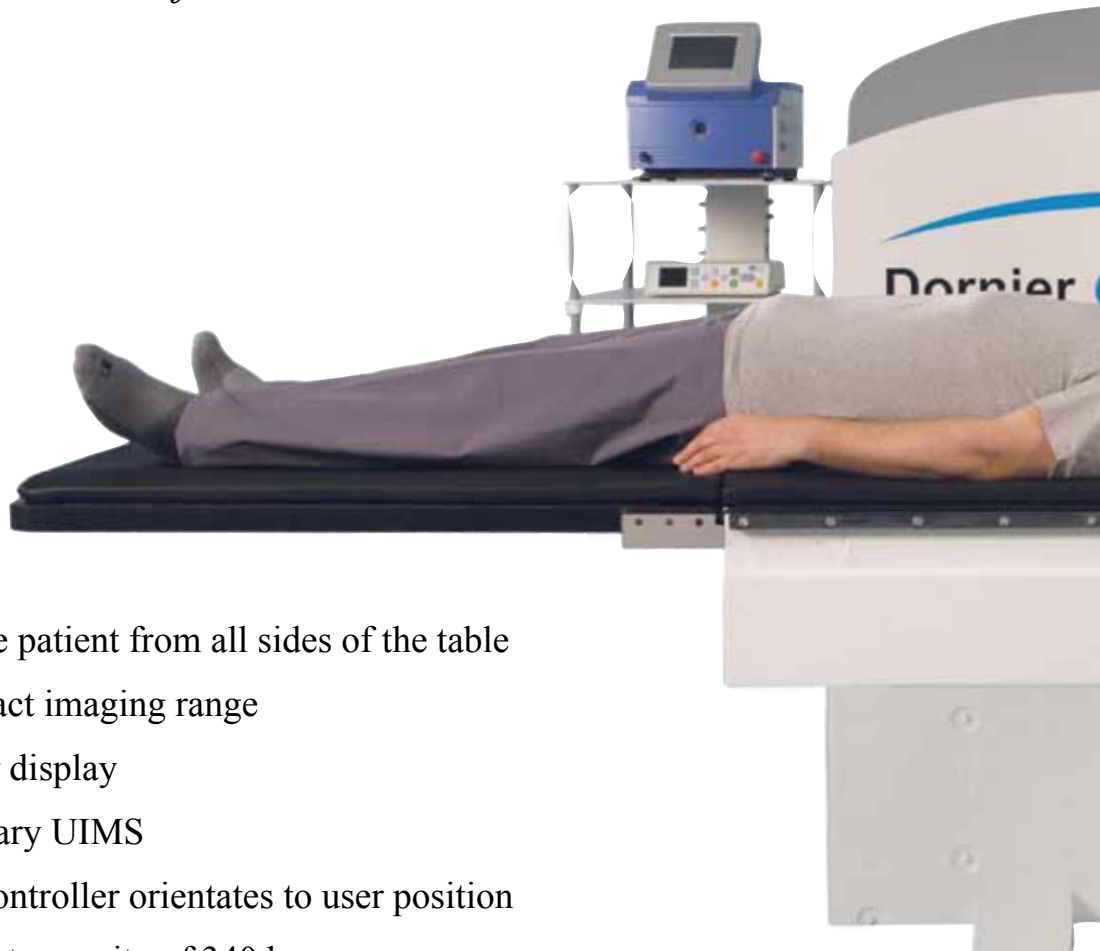
Dornier *Genesis*, with 43 cm x 43 cm

(17 in. x 17 in.) dynamic flat panel detector,

addresses a broad range of applications and

is a state-of-the-art urology imaging system

designed with your workflow in mind.



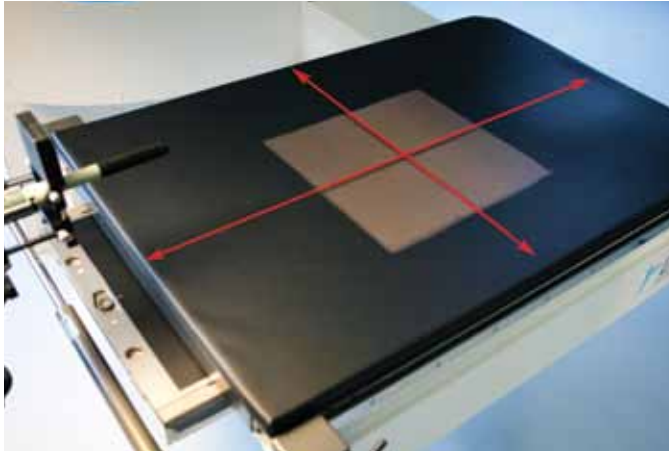
- Full access to the patient from all sides of the table
- Entire urinary tract imaging range
- Flexible monitor display
- Dornier proprietary UIMS
- Operator hand controller orientates to user position
- High table weight capacity of 340 kg
- Easy patient transfer with low table height of 495 mm
- Lightweight carbon fiber table extensions
- Easy table clean-up

Urology Imaging



Dornier *Genesis*

Exceptional Imaging and Design

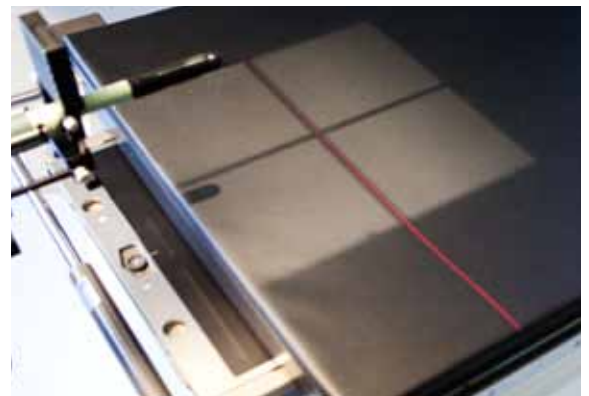


Large Imaging Field

The lateral and longitudinal imaging movement capability of Dornier *Genesis*, combined with 43 cm x 43 cm (17 in. x 17 in.) dynamic flat panel detector provides an impressive 585 mm lateral and 960 mm longitudinal imaging field, providing maximum coverage without moving the table top or patient.

The unique over scan feature of the imaging system allows scanning past the edge of the table.

- Radiolucent table top
- Entire urinary tract imaging range
- Imaging beyond perineal end of table
- Ideal for procedures such as brachytherapy
- Removable grid for dose reduction in small or pediatric patients



High Capacity

Supporting 340kg (750 lbs), the high capacity platform provides positioning flexibility of +/- 20 degrees trendelenburg and reverse trendelenburg angulation with isocentric tilting.

Flexible Display



With its extended flexible articulated arm and wide range of motion, the high resolution monitors can be easily moved to either side of the table and in a variety of positions for optimal viewing.

Dornier *Genesis*

Unsurpassed Access



Access

Dornier *Genesis* features a unique open access cantilever design that allows the urologist, anesthesia, and staff to remain in close proximity to the patient at all times from all sides of the table.

- Easy access to the patient from both the front and back sides of the table
- Large consistent backside access for loading, unloading and ancillary or alternative procedures
- Constant backside access regardless of table or X-ray tube position
- Isocentric tilt feature keeps the perineal edge of the table constant, eliminating the need for urologists to readjust their position when the table is tilted



Easy Patient Transfer

Patient transfer is simple with the special “Zero” table position. While the table adjusts to the proper height, the X-ray tube simultaneously retracts completely away from the table top facilitating easy patient transfer. The extremely low table top position of 495 mm allows ambulatory patients to easily walk up and sit on the table.



Simplicity and Convenience

The system’s intuitive graphical interface leverages easy-to-understand icons and symbols. This familiar visual approach inspires immediate confidence in users of all experience levels.



Quick and Easy Cleanup

Cleanup is quick and easy. Simply remove the table pad to wipe off the table surface. The table top can also be opened to allow for easy cleaning and service access to the imaging receptor.



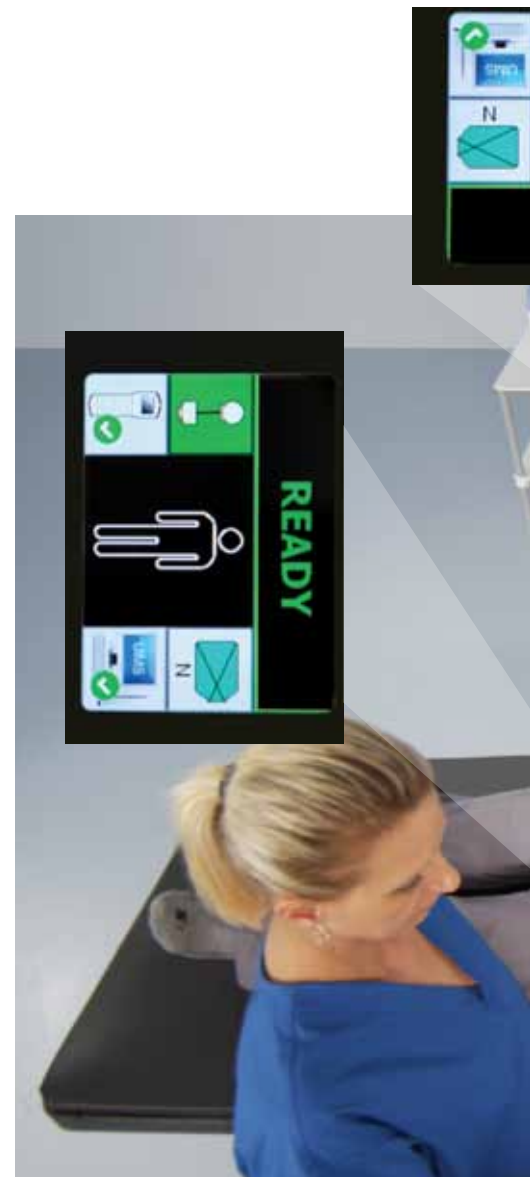
Dornier *Genesis*

User Centric Orientation

Operator Flexibility

All table and imaging system movements can be operated by using either the multifunctional foot switch, or one of the hand controllers which are located at the table and workstation. The hand controller employs a user centric orientation feature, where the orientation display and related controls are matched to the operator's position table side. This special feature optimizes the controls of the table to match the user's perspective simplifying positioning and enhancing workflow.

- User friendly icons
- Can be connected to multiple locations on the device
- Duplicate hand control located at the workstation



Innovation



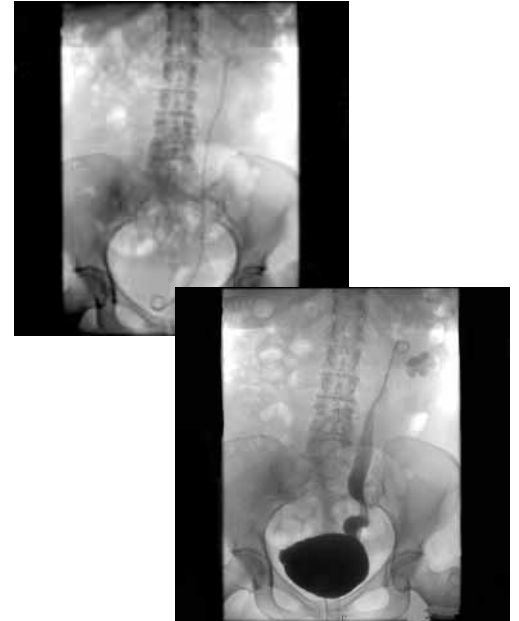
Dornier *Genesis*

Procedure Flexibility

Optimized Viewing

Dornier *Genesis* with a 43 cm x 43 cm (17 in. x 17 in.) dynamic flat panel detector, provides the most comprehensive imaging that enables optimized viewing of the urinary tract.

- 2.8k x 2.8k imaging capability
- No geometrical distortion
- Compact housing
- Immediate imaging
- No film processing
- Improved work flow



An additional advantage is the ability to support Multi-Modality images, including live video feed from ultrasound and endoscopy equipment, enhancing the flexibility of the system.



Integrated Functionality

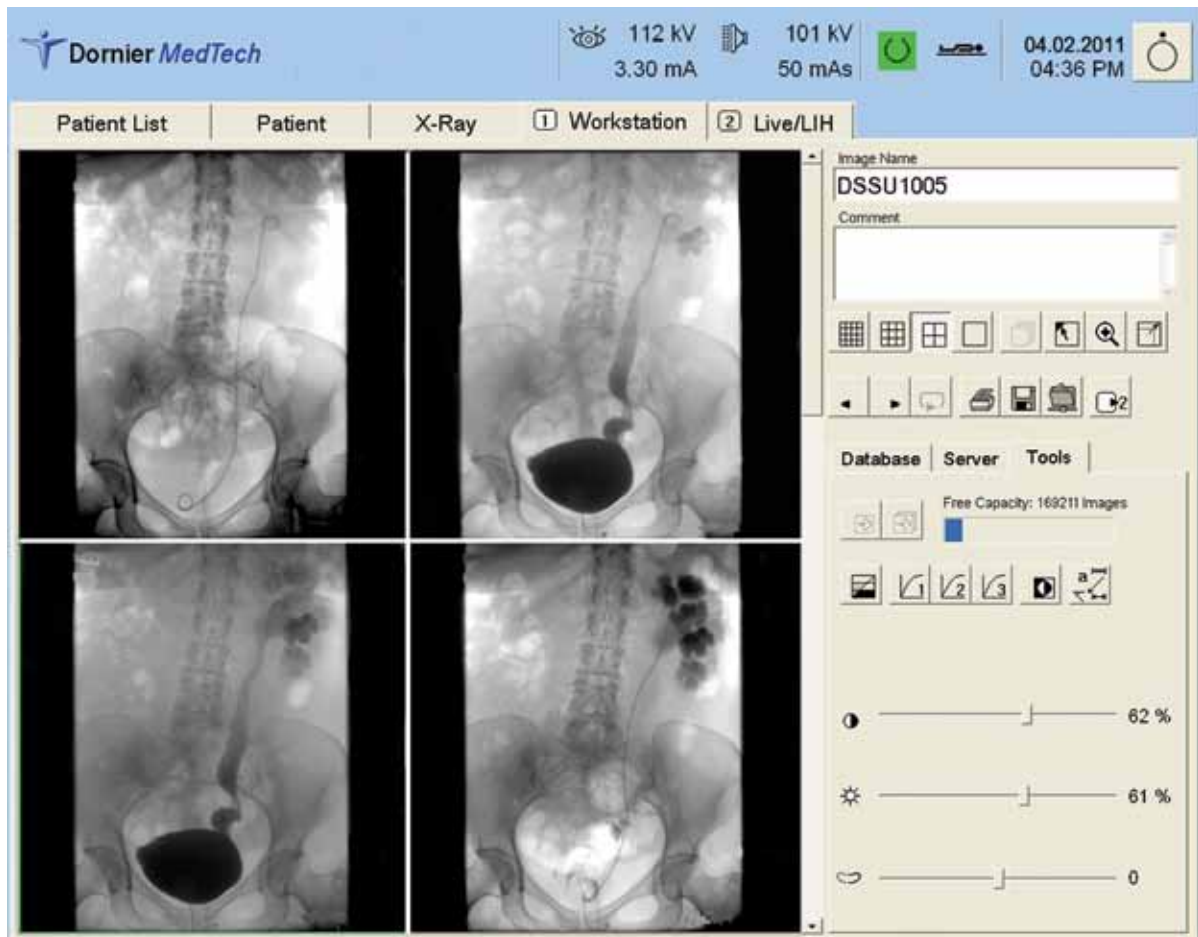


Procedure and display parameters are easily adjusted through the integrated design of the X-ray imaging system. The Urology Information Management System, UIMS, provides access to the patient database, X-ray controls, post processing, and also records radiation exposure during treatment.

Dornier *Genesis*

Comprehensive Functionality

UIMS *Urology Information Management System*



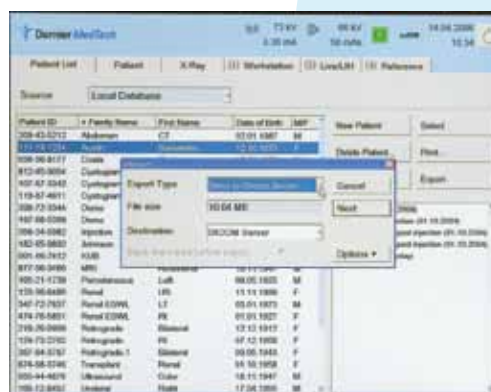
A Complete Solution

Developed by Dornier, UIMS is a high performance, comprehensive, and user friendly system for your networking and data management needs.

- Complete patient data management
- Extensive image processing, import, export, and printing functions
- Local database with large storage capacity
- Comprehensive DICOM services include:
Modality Worklist, MPPS, Query & Retrieve, Store and Print

Networking Advantage

Dornier *Genesis* can be integrated into any hospital or clinical network via the DICOM interface. The flexible connectivity combined with comprehensive DICOM capabilities which include Worklist optimizes the system's functionality while streamlining workflow.



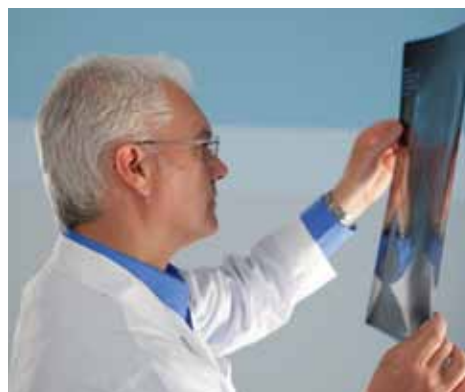
Imaging Flexibility

The imaging system captures high quality images that are displayed on flat panel monitors. Both live and stored images can be adjusted manually or through one of the automated features to optimize image quality. Features include auto window, contrast inversion, automatic frame averaging, electronic collimation and full frame capture.

Image Archival & Print

Images can be exported to a hospital PACS system or converted to a variety of formats for export to DVD, CD, or memory stick. More than 100,000 images in standard image format can be stored on the system's local hard drive for later review.

High quality images can be printed on film or paper using a network or local printer. A separate print preview feature allows the operator to select the desired images and layout.



Dornier *Genesis*

*Design and Optional Accessories
for True Multi-functionality*



Optional Endoscopy Shelf:

- Integrated power outlets and video interfaces
- Flexible positions during procedures
- Adjustable height shelf



Stirrups:

- Gas spring knee crutch or boot style
- Simple attachment to the T-rail
- Wide range of adjustment flexibility



Variety Of Accessories



Micturition:

- Standing or seated capabilities
- Table rotates to vertical position
- Excellent for urodynamic studies
- Lightweight carbon fiber construction





WE'RE ALL ABOUT PEOPLE.

Headquarters

Dornier MedTech GmbH
Argelsrieder Feld 7
D-82234 Wessling
Germany

Asia/Pacific

Dornier MedTech Asia Pte. Ltd.
51 Corporation Road
Singapore 649806
Phone: +65-6665-5788
Fax: +65-6665-6711
Email: infoasia@dornier.com

Japan

Dornier MedTech Japan
Meguro Estate Building
3-8-5 Kami-Ohsaki
Shinagawa-ku, Tokyo 141-0021
Japan
Phone: +81-3-3280 3550
Fax: +81-3-3280 3555
Email: info@domedtech.co.jp

Europe

Dornier MedTech Europe GmbH
Argelsrieder Feld 7
D-82234 Wessling
Germany
Phone: +49-8153-888 625
Fax: +49-8153-888 444
Email: infoeurope@dornier.com

Dornier MedTech Italia s.r.l.
Via Arrigo Cavaglieri N. 26
00173 Rome
Italy
Phone: +39-06-72 35 289
Fax: +39-06-72 35 302

Dornier MedTech Espana
Pedro Y Pons 9-11
Edificio Masters
E-08034 Barcelona
Spain
Phone: +34-93-203 9316
Fax: +34-93-205 3814

Dornier MedTech France SARL
Ferme de St Paul
1545 route d'Epagny
F-74330 Sillingy
France
Phone: +33-450-22 18 94
Fax: +33-450-24 24 63

Dornier MedTech Europe GmbH
Moscow Representative Office
Uliza Mytnaya 3
Office 21
119049 Moscow
Russia
Phone: +7-495-230 29 94
Fax: +7-495-739 51 33

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