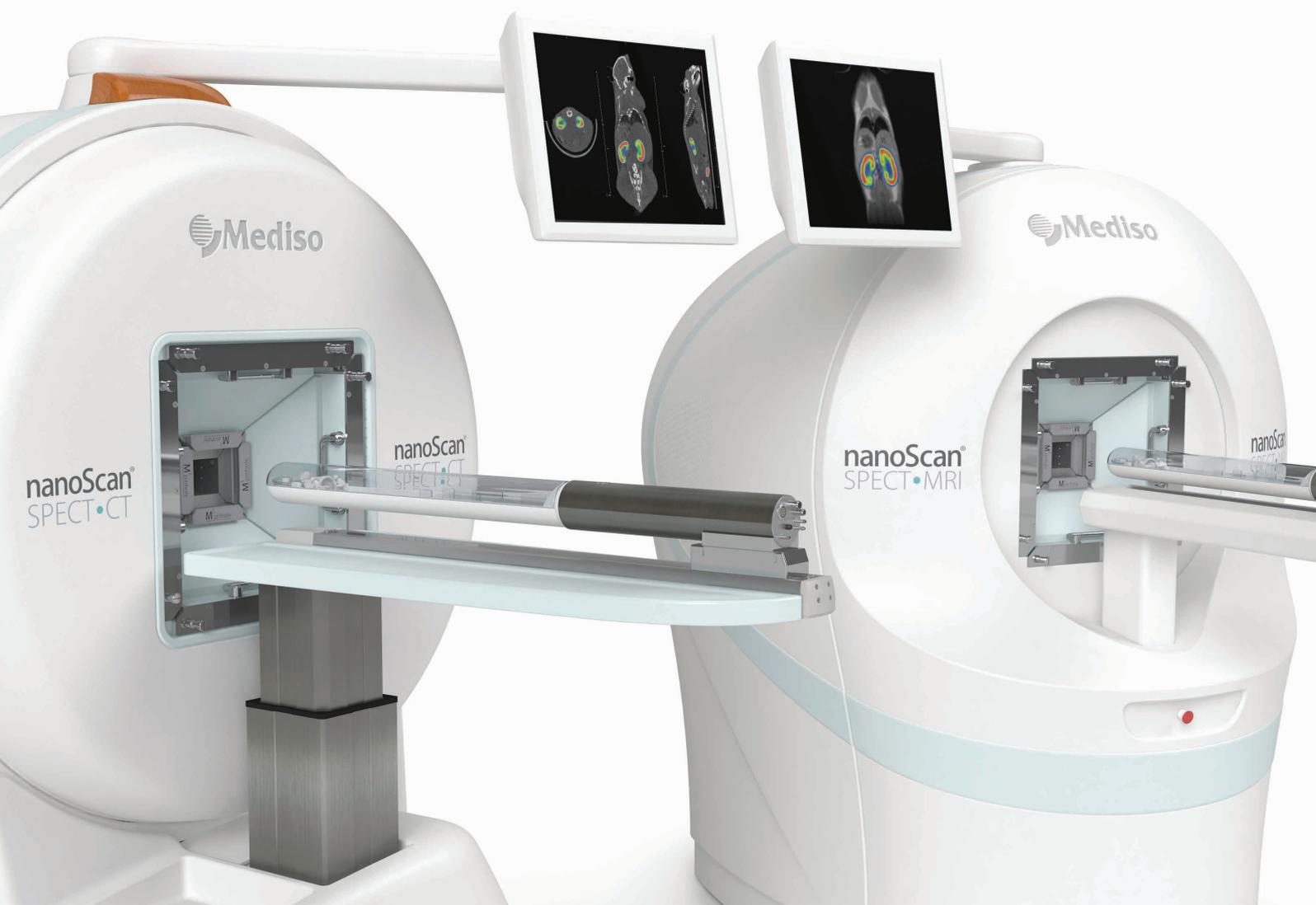


# nanoScan<sup>®</sup> Family

Preclinical SPECT imaging systems



nanoScan<sup>®</sup> SM SPECT/MRI

nanoScan<sup>®</sup> SC SPECT/CT

# MEDISO Medical Imaging Systems

## Tradition in research and development

Mediso Medical Imaging Systems is a global company with headquarters in the European Union in Budapest Hungary. Mediso is a dynamic manufacturer of nuclear medicine and modern hybrid imaging equipment, which it supplies and supports to healthcare, research institutes and industry worldwide. The company was founded in 1990 and is world leading in R&D and commercialization of cutting edge preclinical and clinical medical imaging systems.

### Latest awards

- 2012 - Frost & Sullivan 2012 European Preclinical Imaging New Product Innovation Award
- 2011 - Grand Prize of Innovation 2010
- 2008 - Frost & Sullivan 2008 European Medical Imaging Entrepreneurial Company of the Year Award
- 2006 - Grand Prize of Innovation 2006



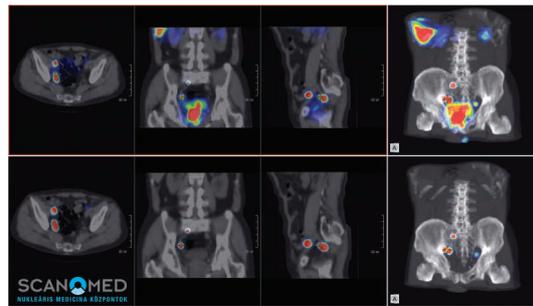
## University and clinical diagnostic partners

Mediso have developed special partnership with pre-clinical imaging contract research organizations and leading molecular imaging centers in both preclinical and clinical field around the world.

Partnership with Karolinska Institutet ( Sweden), King's College London (UK), Semmelweis University and CROmed in preclinical imaging field. University of Debrecen Medical School, Hungarian National Institute of Neuroscience and Scanomed in clinical area represents a key drive to Mediso's research and developments.



[www.cromedresearch.com](http://www.cromedresearch.com)



[www.scanomed.hu](http://www.scanomed.hu)

## Customer focused support

Mediso-affiliated subsidiaries and world-wide distributor network with strong factory support ensure direct contact with our customers and quick, professional response to their requests not only in technical but also in application related issues. We at Mediso are proud to serve physicians and researchers at sites with more than 100 preclinical and 900 clinical installed systems in 86 countries.



### Pursuit of perfection in technology to serve perfection in science

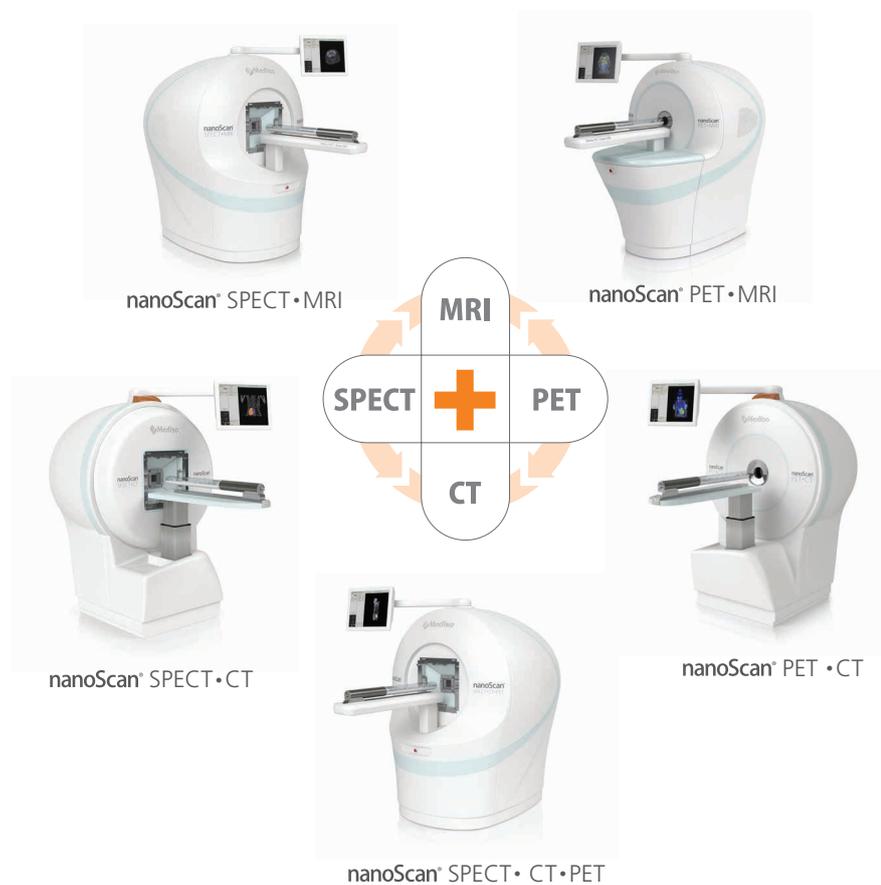
Always eager to find an even better solution, Mediso constantly strive to develop the highest level medical imaging technologies possible.

We wish to serve the scientific community with our core value: supreme image quality with accurate quantification.

# nanoScan<sup>®</sup> SPECT/MRI and SPECT/CT

## Overview

Preclinical SPECT/MRI and SPECT/CT combine the best of ultra-high SPECT resolution and ultra-high anatomical resolution with soft tissue contrast. Mediso's **nanoScan<sup>®</sup>** SPECT is highly sensitive with the ability to also perform simultaneous multiisotope imaging (i.e. the ability to probe two or more molecular pathways simultaneously by detecting isotopes with different emission energies). SPECT's relatively long-lived radioisotopes render SPECT/MRI and SPECT/CT ideal for pharmacokinetic studies of peptides and antibodies, which are readily radiolabelled, and easily translated in to the clinic. Mediso's **nanoScan<sup>®</sup>** SPECT/MRI is the only commercial fully integrated scanner. The **nanoScan<sup>®</sup>** SPECT/MRI is high throughput, easy to use and virtually maintenance free with the advantage of enabling automatic co-registration of SPECT with MRI - a challenge to achieve with two independent non-integrated systems. The sensitivity of the ultra-high resolution Mediso **nanoScan<sup>®</sup>** SPECT/MRI and SPECT/CT make them ideal for 3D quantitative dynamic in vivo molecular imaging.



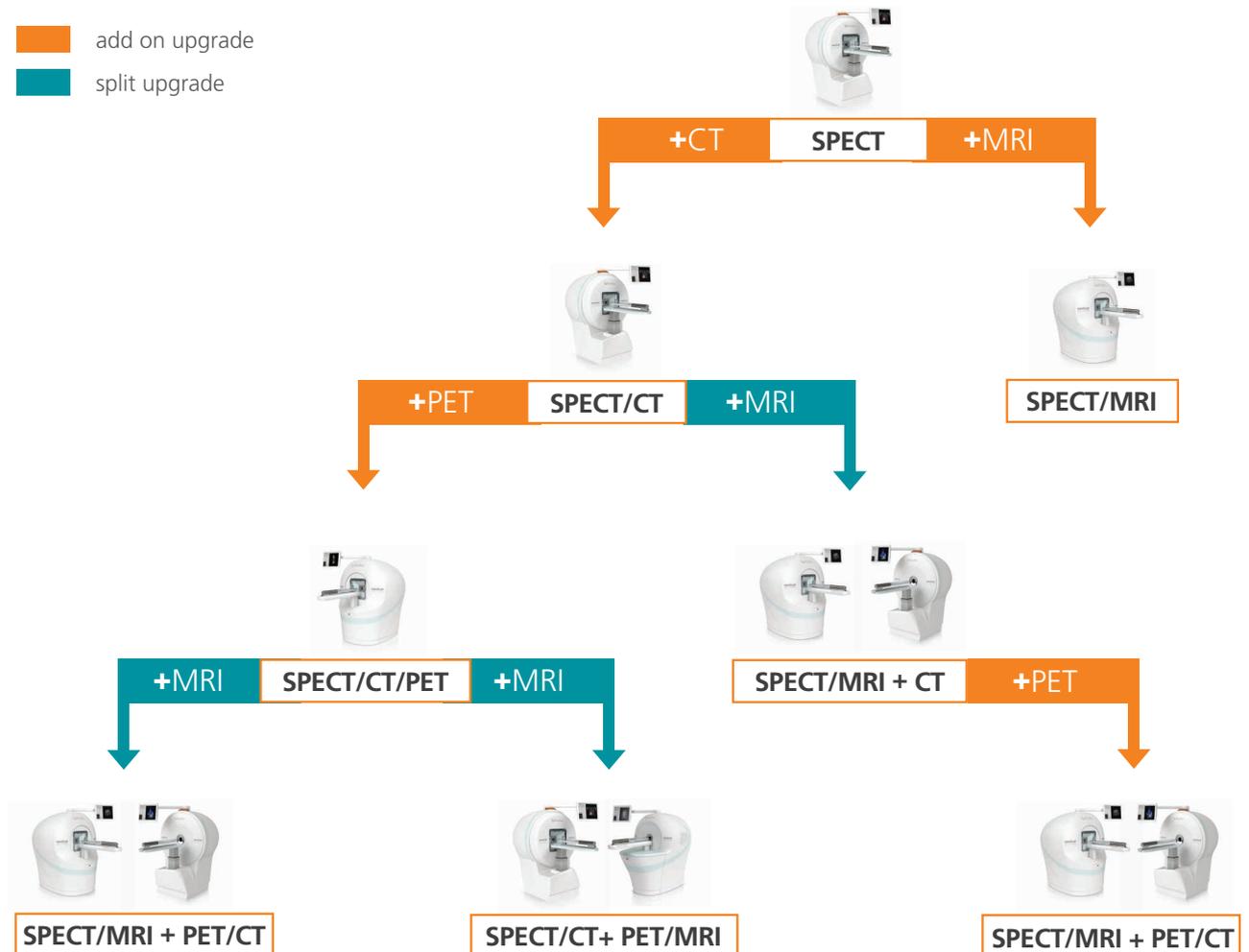
## nanoScan<sup>®</sup> SPECT/MRI and nanoScan<sup>®</sup> SPECT/CT are members of the nanoScan<sup>®</sup> Family

With the **nanoScan<sup>®</sup>** Family concept Mediso provides unique and flexible solution for the demands of your imaging facility. Mediso developed their own animal handling system to be in perfect harmony with all modalities offered through the **nanoScan<sup>®</sup>** Family imaging systems. The **MultiCell<sup>™</sup>** imaging chambers are exchangeable between the systems without compromises or any modifications. Not only that, the **MultiCell<sup>™</sup>** animal handling system can be customized to existing imagers as well. Furthermore the **PrepaCell<sup>™</sup>** preparation station makes animal handling simple and high throughput.

The **nanoScan<sup>®</sup>** family concept includes a common easy to use software platform, including the state-of-art Nucline<sup>™</sup> acquisition software for all modalities, with efficient workflow easy to use for the non-expert user via its intuitive, predefined protocols that are easily customized for increased throughput. For post analysis both InterView<sup>™</sup> FUSION and VivoQuant<sup>™</sup> can co-register and analyze multiple images across all modalities.

# nanoScan<sup>®</sup> SPECT evolution

-  add on upgrade
-  split upgrade



## Why choose nanoScan<sup>®</sup> SPECT?

- Wide range of FOV from mouse organ to rabbit or even monkey whole body
- Largest multi-pinhole field of view without the need for bed movement
- Ultra high resolution rotational and fast dynamic stationary imaging capabilities
- Highest volume sensitivity with single bed position even with large FOV
- Unprecedented uniformity in projections and detector coverage by 4 detector heads
- The only SPECT system to be fully integrated with MRI
- Application specific apertures with ultra high sensitivity and ultra-high resolution for whole body to organ specific imaging
- Fast and intuitive workflow with built in and semi-automated functions into the acquisition hardware and software (e.g. video & vital monitoring, temperature control, respiratory and cardiac gating).
- Easy to use animal handling accessories that can be customized to specific user requirements
- Unique versatility in upgrade possibilities including field upgrade, add-on upgrade and split upgrade that allows customized growth in imaging capacity.

# SPECT subsystem

## Mediso, world leaders in SPECT R&D

Mediso as manufacturer and developer with more than 20 years of expertise in clinical and preclinical SPECT technology offers its newest design that fine tunes SPECT performance from detection through collimation to reconstruction. This results in high resolution and high sensitivity at the same time.

### Detectors

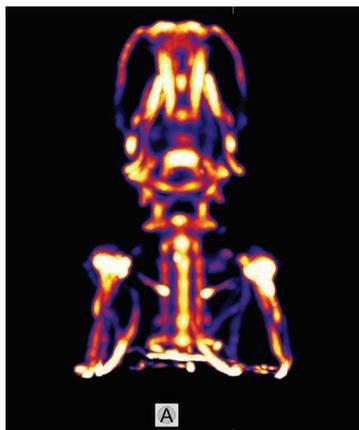
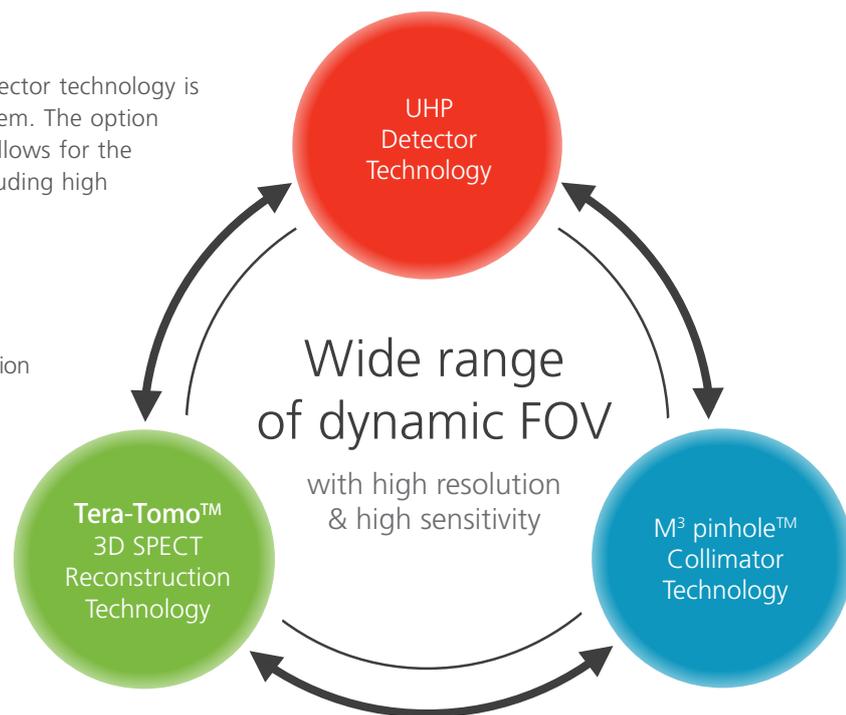
The ultra high performance (UHP) detector technology is the key component of the SPECT system. The option to choose different crystal thickness allows for the study of a wide range of isotopes including high energy isotopes (20-600 keV).

### Reconstruction

The **Tera-Tomo™** 3D SPECT reconstruction is a 3D iterative SPECT reconstruction software which includes various corrections such as MRI or CT based attenuation, scatter and real time Monte Carlo based detector modeling. The list mode data collection makes the data processing even more accurate and flexible with unprecedented results in image quality and quantification.

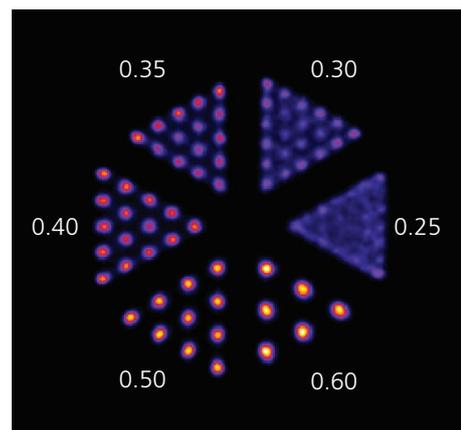
### Collimators

Mediso developed the new Multifocus, Multisize, Multi-pinhole (M<sup>3</sup>) apertures where the projections are linked to the best intrinsic resolution of the detector area. The novelty of the technology, using the multi-size holes combined with multiple focusing pinholes allows for optimization for any given specific application. The M<sup>3</sup>-pinhole technology also allows for the fine tuning of the imaging parameters to maximize the resolution-efficiency tradeoff. Various apertures are available from whole body to organ, from ultra high sensitivity to ultra high resolution in addition to a number of parallel hole collimators.



Rat MDP scan, 120 MBq,  
20 min helical SPECT

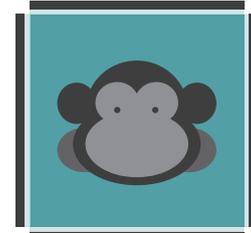
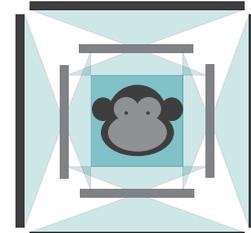
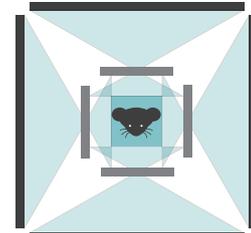
Imaging performance with Tera-Tomo™  
3D SPECT Reconstruction software using  
200 MBq <sup>99m</sup>Tc-pertechnetate, 30 minutes SPECT  
acquisition in a micro Derenzo phantom.  
Size of the rods: 0.25 mm – 0.60 mm.



# SPECT subsystem

Flexible, application driven possibility to customize wide range of field of views for dynamic studies

Application	Type of collimator	Dynamic FOV (diameter x length)
Mouse organ (focused)	multi-pinhole	5 x 5 mm
Mouse whole body and rat organ	multi-pinhole	30 x 12 mm
Rat whole body	multi-pinhole	58 x 20 mm
Monkey brain*	multi-pinhole	80 x 45 mm
Rabbit whole body*	fanbeam	160 x 250 mm
Monkey whole body	parallel hole	200 x 250 mm
And many more		



## Basic multi-pinhole collimators:

### M<sup>3</sup> High Resolution, High Sensitivity Mouse Whole Body

- 16 pinhole / aperture
- Resolution 0.85 mm
- Sensitivity 7500 cps / MBq
- FOV: Ø 30 x 300 (with helical scanning)

### M<sup>3</sup> High Resolution, High Sensitivity Rat Whole Body

- 16 pinhole / aperture
- Resolution 1.1 mm
- Sensitivity 3000 cps / MBq
- FOV: Ø 58 x 300 (with helical scanning)

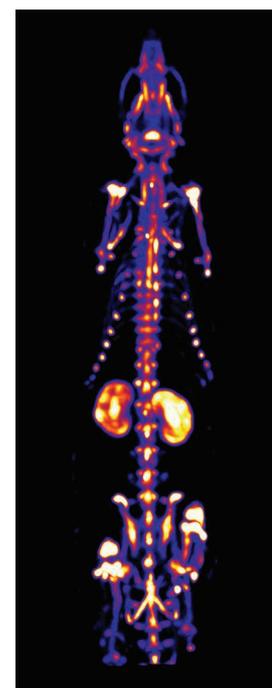
## Optional multi-pinhole collimators:

- M<sup>3</sup> High energy (I131) Mouse Whole Body aperture
- M<sup>3</sup> High energy (I131) Rat Whole Body aperture
- M<sup>3</sup> High resolution focusing mouse aperture (25 pinhole / aperture)
- M<sup>3</sup> High resolution focusing rat aperture (25 pinhole / aperture)
- M<sup>3</sup> High sensitivity focusing mouse aperture (36 pinhole / aperture)
- M<sup>3</sup> High sensitivity focusing rat aperture (25 pinhole / aperture)
- M<sup>3</sup> Monkey brain focusing aperture\*

## Optional collimators (for larger animals):

- Parallel hole low energy ultra high resolution (LEUHR) collimator
- Parallel hole low energy high resolution (LEHR) collimator
- Parallel hole low-energy general purpose (LEGP) collimator
- Parallel hole medium-energy general purpose (MEGP) collimator
- Parallel hole high-energy general purpose (HEGP) collimator
- Fanbeam collimator for rabbit whole body\*

Illustration of field of view:  
Whole body mouse, Monkey head,  
Monkey whole body respectively



Rat MDP scan, 120 MBq, 20 min  
whole body helical SPECT

\*work in progress

# MRI subsystem

## High imaging performance

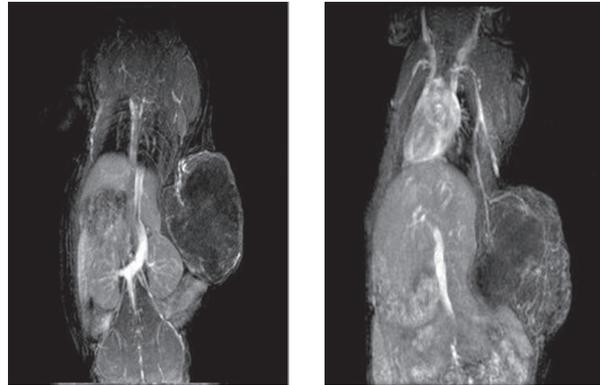
The compact, high-performance magnet system is developed by the pioneer in the field of permanent magnet MRI systems – Aspect Imaging. The field strength is optimized to perform fast (seconds to minutes) routine studies with high resolution (routinely up to 100  $\mu\text{m}$ ) soft tissue contrast. The magnetic field homogeneity, critical to provide uniform contrast, is remarkably high with a maximal of 5 ppm throughout the Field of View in addition to the 450mT/m gradient strength.

## Easy-to-use workflow

The MRI system's ease of use is matched with its powerful imaging capabilities, making it simple to correlate functional PET data with anatomical morphology. In addition the subsystem is unusually quiet as its whisper gradients generate less than 20 dB of noise.

## Cost effective operation

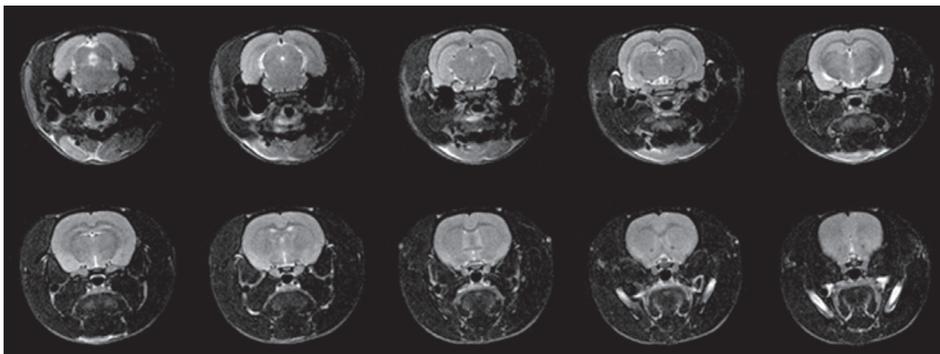
The compact cryogen free design of the system guarantees low running costs with a small footprint. The zero fringe field allows for safe operation with no need for additional magnetic shielding in the room and is virtually maintenance free.



GRE-SP (TE/TR- 3.8/30, FOV = 64, 256\*256\*48, Flip Angle-25°, NEX-2, res. 250 $\mu\text{m}$ , Acq. Time 12 min) with contrast agent  
Images courtesy of Prof. G. Allan Johnson Center for In Vivo microscopy- Duke University

## Available solenoid RF coils:

- 35 mm for whole body mouse
- 60 mm for whole body rat
- mouse head coil – optional
- rat head coils – optional



Rat Brain MR imaged using a Fast Spin Echo sequence  
TR=3500 ms, 256\*256, reso 195  $\mu\text{m}$  TE=83 ms, 12 min

## Several 2D and 3D pulse sequences

- 3D Localiser
- Quick sagittal Localiser for ultrafast anatomical reference
- Spin Echo (SE) 2D and 3D
- Fast Spin Echo (FSE) 2D and 3D
- Gradient echo 3D (GRE)
- Inversion Recovery – Spin and Gradient Echo (IR-SE, IR-GRE)
- Dynamic Contrast Enhancement (DCE) with 1 second temporal resolution by GRE SNAPSHOT (series of quick GRE sequences –for kinetic studies);
- Apparent Diffusion Coefficient (ADC) map creation by Diffusion Weighted Imaging (DWI) sequences;
- Angiography with contrast agent by Gradient Echo sequence
- T1-map creation by IR-GRE SNAPSHOT (series of quick IR-GRE sequences);
- Several multi-Field of view sequences with up to 240 mm extended axial FOV
- Echo Planar Imaging (EPI) (planned release 2014 Q2)
- Fat-suppression with IR FSE (STIR) (planned release 2014 Q2)
- Easy-to-use environment available for sequence development

# CT subsystem

To complement the nanoScan® SPECT's exceptional qualities Mediso designed unique combination of low dose, high resolution and high speed CT with real time reconstruction to further improve the throughput of the system.

The large bore size of the CT allows even larger rodents to be examined such as rabbits or small monkeys.



## Advantages of the CT subsystems

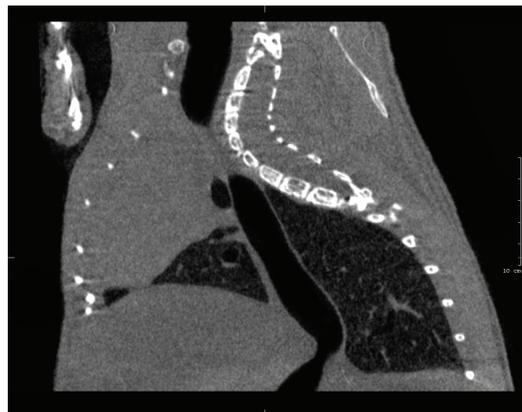
Available in different configurations to further tailor the system to the researchers needs. For detailed information please contact your local sales representative.

- Large bore size
- Variable zoom (up to x 7.6 magnification)
- Real time CT reconstruction
- Low animal dose
- Fast speed (whole body mouse 36 sec)
- Large bore transaxial field of view (up to 12 cm)

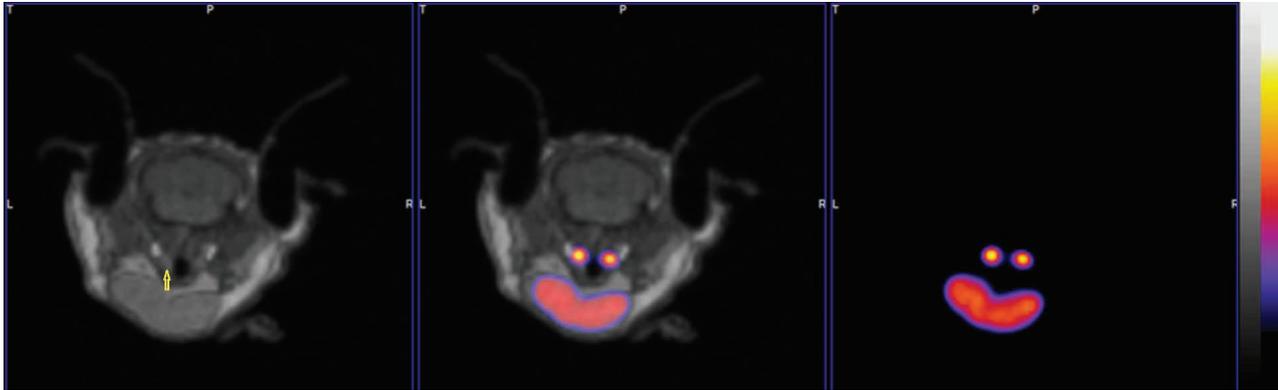
High Resolution Reconstruction of Mouse Head 20  $\mu$ m voxel size 70 kV 750 mA 720 projections, 3.5 minute scanning time



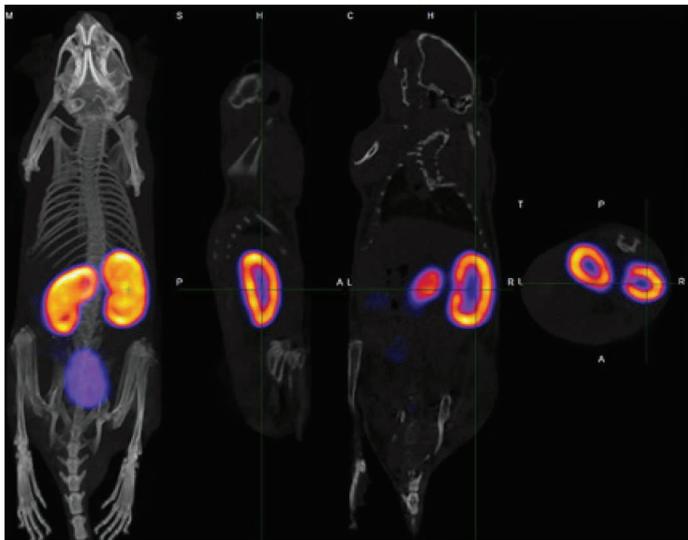
Mouse Lung CT imaging 50  $\mu$ m voxel size 50 kV 750 mA 720 projections/FOV, 4.4 minute scanning time



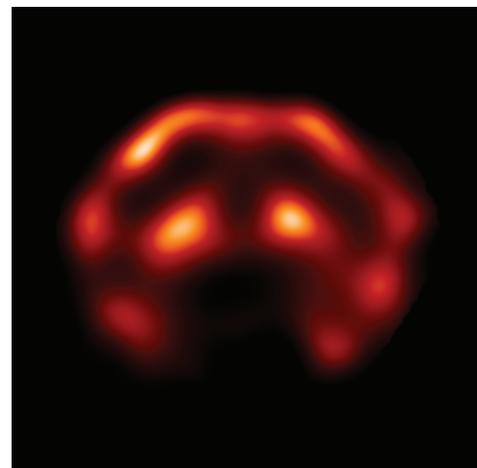
# nanoScan<sup>®</sup> Family - integrated SPECT based systems



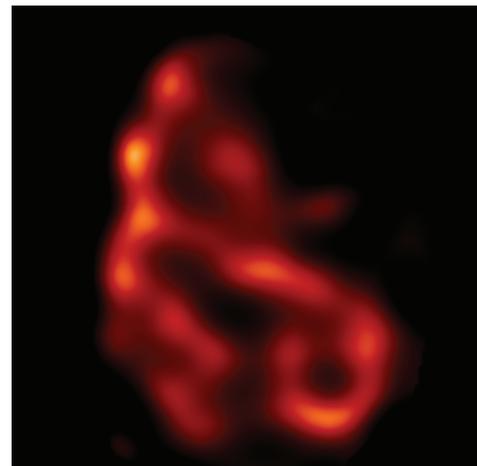
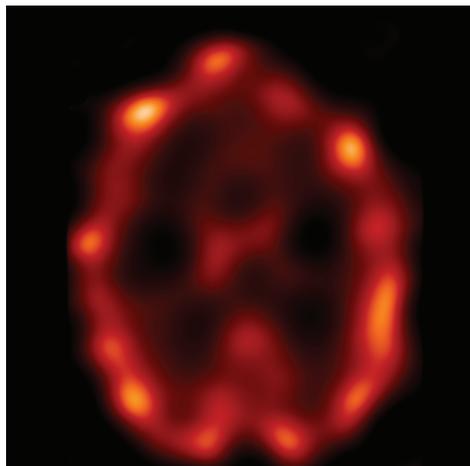
T1-Weighted MRI SPECT  
Mouse Thyroid 27 MBq <sup>99m</sup>Tc



Mouse kidney excretion of <sup>99m</sup>Tc-Exendin-4 peptide c57bl6 mice using <sup>99m</sup>Tc-Exendin-4 Exendin kit radiopharmaceutical kindly provided by Prof. Wang, Peking University



300 MBq of <sup>99m</sup>Tc-HMPAO,  
Ultra High Resolution Parallel  
Collimator SPECT imaging  
of Rhesus monkey brain  
perfusion



# Animal handling – MultiCell™

Integrated vital function monitoring is included in the base system which consist of respiratory, cardiac and temperature feedback during preparation and acquisition.

## Continuous digital temperature control:

by closed circuit airflow integrated into the wall of the chamber – avoiding the side effect of the open airflow (dehydration of the eyes, contamination by pathogens etc.)

## Integrated head positioning:

for precise and reproducible animal positioning 4D/5D imaging accessories: dockable connections for ECG and respiratory gating

## Embedded anesthetic gas connection:

for any isoflurane system through dockable connection to the mouse/rat nose cone via closed circuit tubes integrated into the wall of the chamber

## Pathogen-free construction:

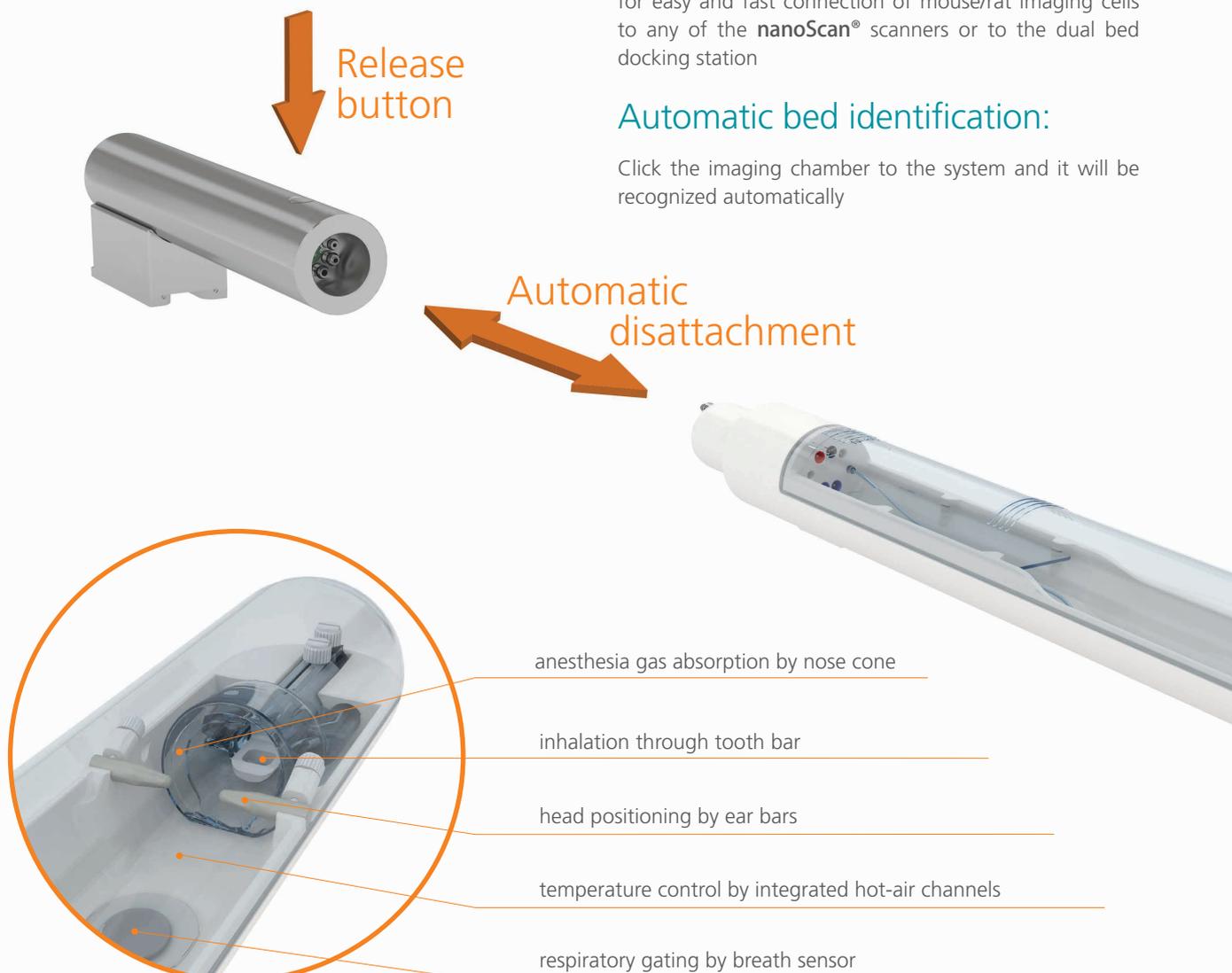
for immuno-compromised animals

## One-click connection imaging cells:

for easy and fast connection of mouse/rat imaging cells to any of the **nanoScan®** scanners or to the dual bed docking station

## Automatic bed identification:

Click the imaging chamber to the system and it will be recognized automatically



# Available MultiCell™ imaging chambers

## SPECT/MRI and SPECT/CT

### Imaging chamber for 1 Mouse

Inner space: 29 x 290 mm  
Outer dimensions: 33 x 460 mm  
Up to 35 g



### Imaging chamber for Rat - medium

Inner space: 52 x 400 mm  
Outer dimensions: 56 x 540 mm  
Up to 350 g



### Imaging chamber for Mouse - large

Inner space: 36 x 290 mm  
Outer dimensions: 40 x 460 mm  
Up to 80 g



## SPECT/CT

### Imaging chamber for 2 Mice

Inner space: 2 x 28 x 260 mm  
Outer dimensions: 64 x 470 mm  
Up to 2x 35 g



### Imaging chamber for Rat - Large

Inner space: 70 x 440 mm  
Outer dimensions: 75 x 580 mm  
Up to 600 g



### Imaging chamber for Rat - XXL

Inner space: 102 x 510 mm  
Outer dimensions: 110 x 650 mm  
Up to 1.5 kg



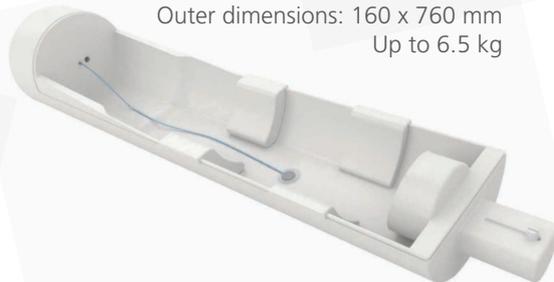
### Imaging chamber for 3 Mice

Inner space: 3 x 27 x 200 mm  
Outer dimensions: 75 x 580 mm  
Up to 3x 30 g



### Imaging chamber for Rabbit

Inner space: 150 x 600 mm  
Outer dimensions: 160 x 760 mm  
Up to 6.5 kg



## SPECT/MRI

### Imaging chamber with embedded Mouse head coil

Inner space: 40 x 180 mm  
Outer dimensions: 56 x 480 mm  
Up to 80 g



### Imaging chamber with embedded Rat head coil

Inner space: 54 x 300 mm  
Outer dimensions: 60 x 540 mm  
Up to 500 g



# Optional animal handling accessories

## PrepaCell™ Preparation station



- Two docking possibilities
- Closed, temperature controlled system (up-tight container) with transparent removable cover
- Vital monitoring functions
- Embedded anaesthetic gas connection: for any isoflurane system through dockable connection to the mouse/rat nose cone via closed circuit tubes integrated into the wall of the chamber
- Integrated head positioning: for ultra-precise and reproducible stereotactic animal positioning
- Fully compatible with all **nanoScan®** Family systems

## Mediso Gating Package (Respiratory/ECG)

Respiratory and ECG cycles are monitored in real-time to synchronize image acquisition eliminating image blur caused by respiratory and/or cardiac motion.

### ECG trigger module:

- Trigger detection: threshold
- Exclusion of abnormal cardiac cycles based on histogram of R-R interval
- Number of time bins (phases) within a cardiac cycle: up to 16

### Respiratory trigger module

- Trigger detection: threshold
- Exclusion of abnormal cardiac cycles based on histogram

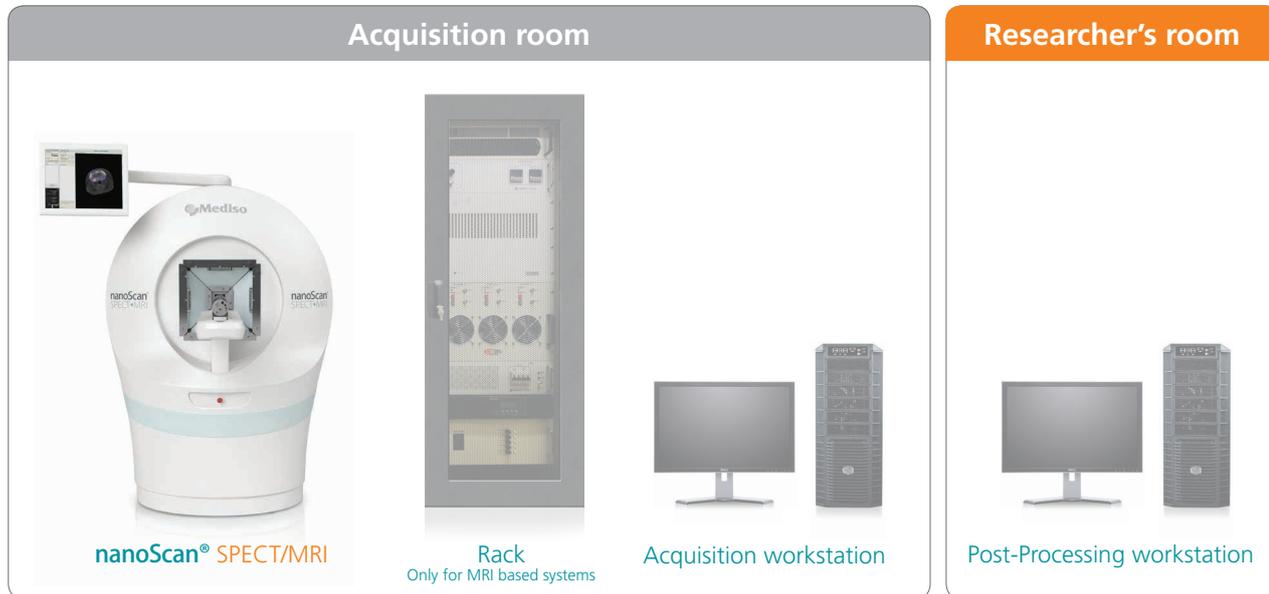
### Additional gating signals:

- 2 independent TTL input channel for external triggering

## MultiCell™ adapter for third party imaging systems

Customized adapter is available for third party imaging systems including high field MRI (up to 11T)

# Operating hardware & room layout



## Room requirements

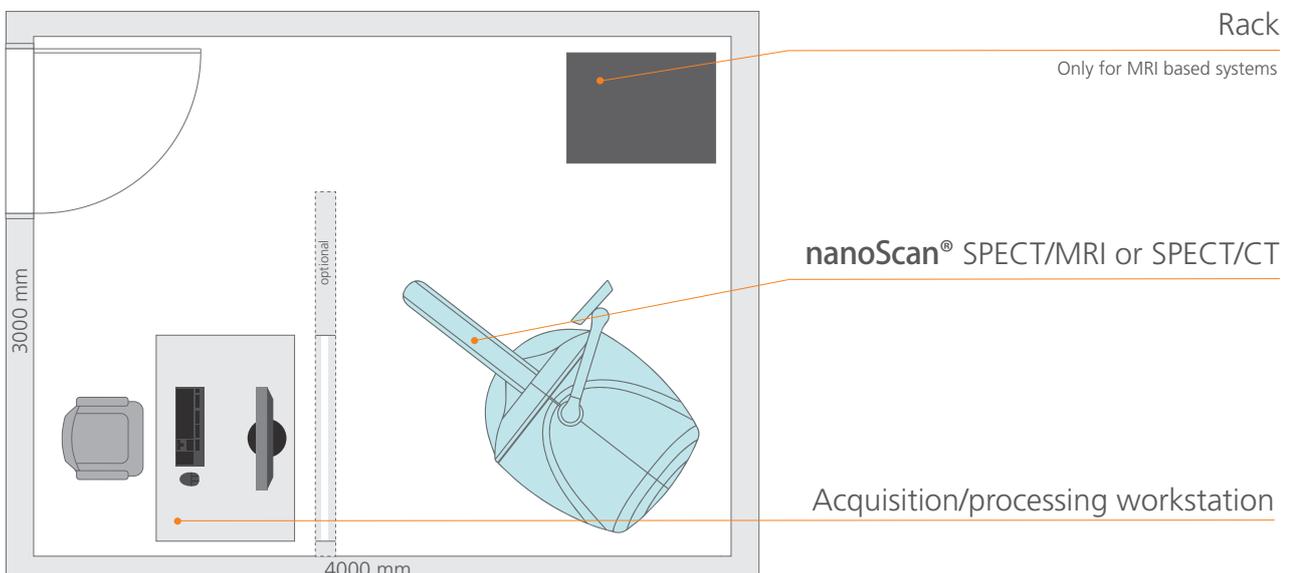
- Minimum room size: 12 m<sup>2</sup>
- Weight: 1880 / 830 kg
- Size (W x D x H): 1136 x 2177 x 1550 mm / 1345 x 1757 x 1678 mm
- No additional RF shielding required
- Single phase operation 115 / 230 V
- Power consumption 2300 W / 1700 W
- No cryogen or water cooling required
- Ordinary air conditioning is sufficient
- Ethernet connection for remote servicing

(parameters refer to SPECT/MRI and SPECT/CT respectively)

## Workstation specifications

- Dual acquisition screen for NuLine™ to have remote and local control of the acquisition (27" and 17" on the gantry)
- Intel® Core™ i7 platform @3.4GHz and 32GB memory or higher
- 64 bit Microsoft® Windows 7® Operating System
- Safe data handling by 0.5TB SSD or 12TB HDD raw/processed fault tolerant data archiving
- GPU cluster with 4 GB memory or higher
- DICOM 3.0 and CFR 21 part 11 compliant data handling

(Mediso reserves the right to change the specifications with equivalent or higher performing components)



# Software solutions

## Nucline™ all modality acquisition software

**Nucline™** is an easy to use and intuitive interface for high throughput workflow across all the **nanoScan®** Family systems - there is no need to learn different software solutions. In a 21CFR Part 11 compliant data management environment predefined and customizable acquisition protocols makes the experiments daily routine.

The integrated gantry with common coordinates gives the opportunity to seamlessly co-register images and allowing for accurate image quantification. Furthermore list mode data collection provides wide range of flexibility in data analysis according to the requirements of the experiment.



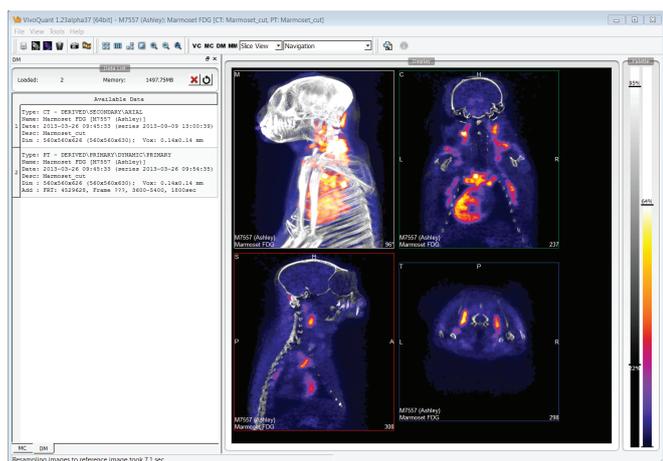
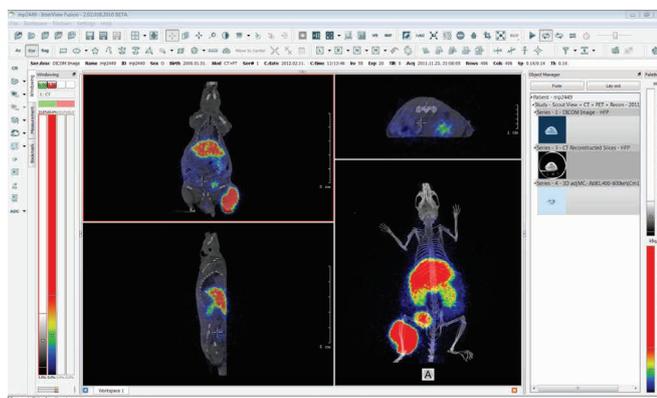
## Tera-Tomo™ 3D SPECT reconstruction software

**Tera-Tomo™** 3D SPECT reconstruction incorporates various corrections to further enhance quantification of the SPECT data. Real time Monte Carlo based detector modeling, attenuation and scatter correction based on MRI or CT images, detector crystal modeling and accurate geometric calibration adds to the supreme accuracy and resolution of the reconstructed images. Furthermore the iterative **Tera-Tomo™** 3D SPECT reconstruction is implemented on GPU cluster to further speed up the reconstruction process.



## Post-processing by **InterView™** FUSION software

InterView™ FUSION is a multi-modal application, developed by Mediso, is an essential part of system. The application provides a wide range of functionalities to evaluate PET, SPECT, CT and MRI preclinical data. 2D single, orthogonal and tiled, as well as 3D MIP and Volume Rendering viewers represents fast and flexible visualization techniques built on GPU acceleration. Viewers provide dual, triple and quadruple fusion to accurately compare and enhance multi-modal single and follow-up studies. Dynamic SPECT images together with CT can be fused, and SPECT images can be studied over time

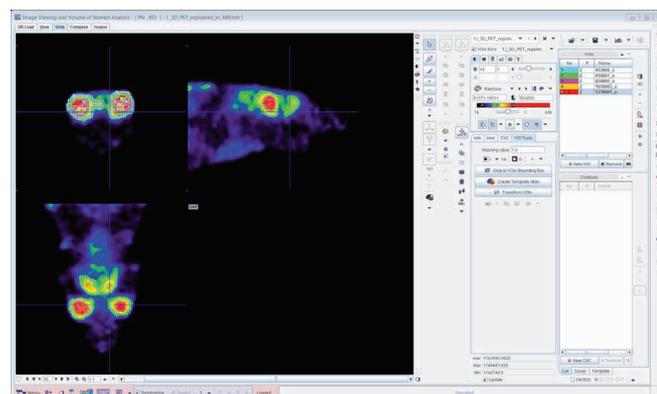


## Image processing and quantification by **VivoQuant™** software

VivoQuant™ is an image viewing, processing and analysis software suite from inviCRO, LLC. VivoQuant™ supports data from both nuclear medicine and magnetic resonance imaging systems and supports advanced co-registration, viewing, processing and quantification of data with plug-in modules dedicated to neurology and oncology applications address the challenging bottlenecks imaging laboratories face in day-to-day operations.

## Image analysis and kinetic modeling by **PMOD**

Pharmacokinetic analysis is an essential task of SPECT imaging. Translational research and neuroscience rely more and more on non-invasive, in-vivo measurements of pharmacokinetic parameters. PMOD modeling tool gives an easy and intuitive access to the wealth of developed methods to any nanoScan® user. Blood and time-activity data of tissue regions can easily be imported into the modeling tool. More than 40 model configurations are available to be fitted to the data. All results can readily be exported for statistical analysis.



# Under the hood SPECT/MRI

## Touchscreen interface

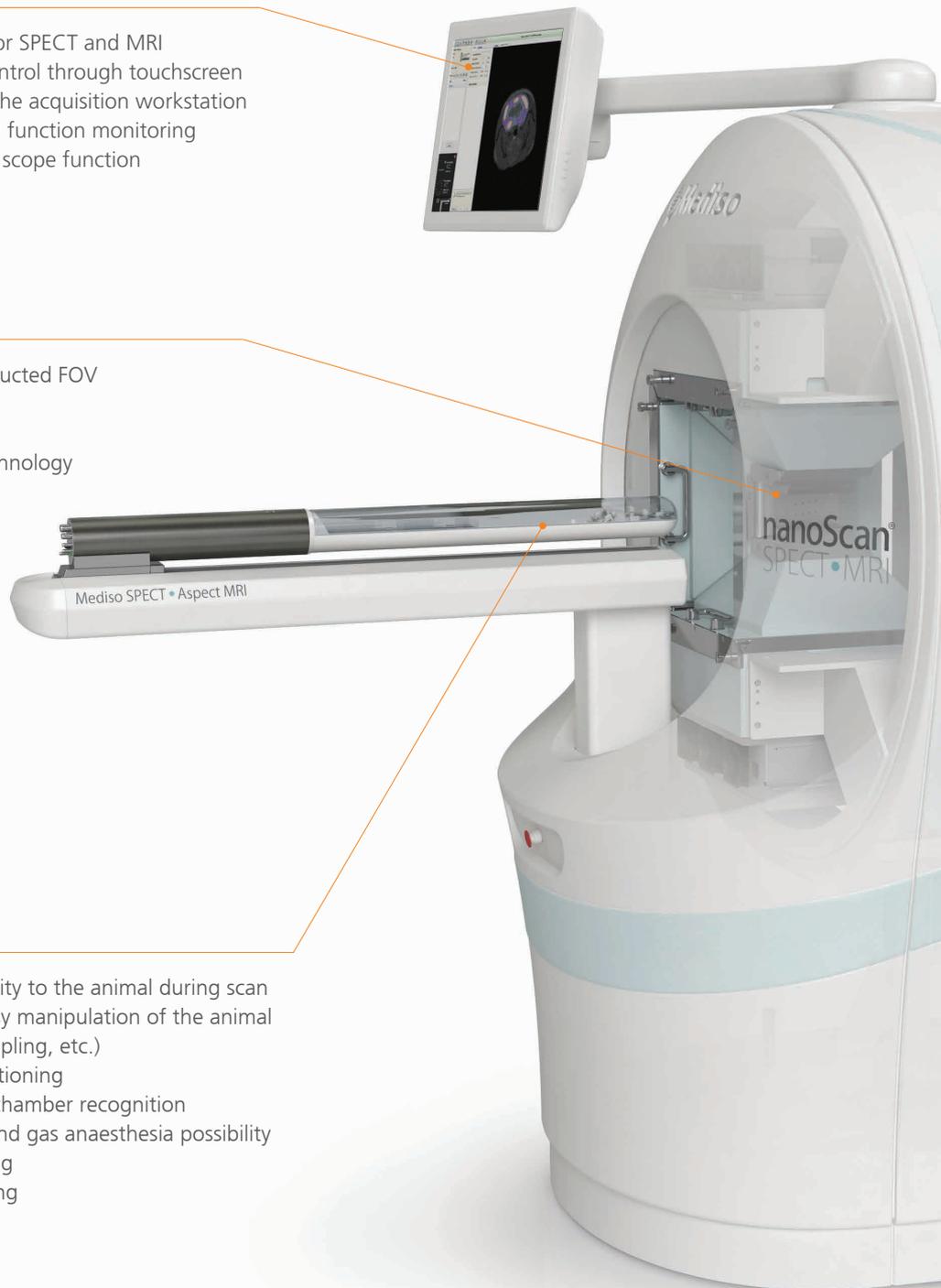
- Shared interface for SPECT and MRI
- Bed movement control through touchscreen interface or from the acquisition workstation
- Online animal vital function monitoring
- SPECT persistence scope function

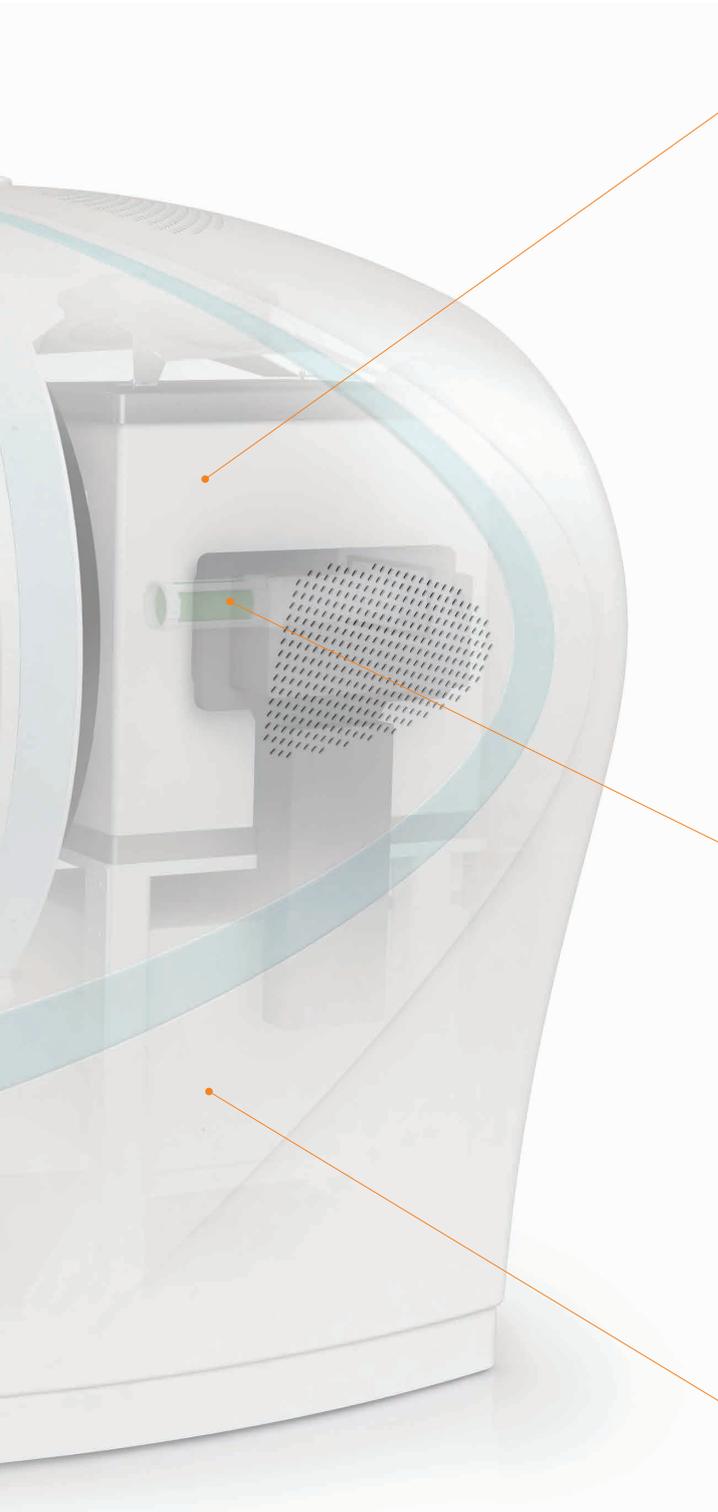
## SPECT Detector

- up to 200 x 250 mm reconstructed FOV
- 300  $\mu$ m spatial resolution
- 13 000 cps/MBq sensitivity
- Patented M<sup>3</sup> multipinhole technology
- Up to 144 pinholes

## Animal handling

- Direct access possibility to the animal during scan
- Zero dead space: easy manipulation of the animal (injection, blood sampling, etc.)
- Automated bed positioning
- Automatic imaging chamber recognition
- Integrated heating and gas anaesthesia possibility
- Physiology monitoring
- ECG/respiratory gating





### MRI Magnet

- 1 Tesla permanent magnet
- Gradient strength: 450 mT/m
- < 5 ppm homogeneity
- 100  $\mu\text{m}$  spatial resolution
- Integrated gradient coil
- Integrated RF shielding

### RF Coils

- Back door access for easy coil exchange
- Multiple solenoid coils available
- 35 mm Tx/Tr for mouse whole body imaging
- 60 mm Tx/Tr for rat whole body imaging
- Custom coils available upon request

### Fast, Easy Instrument Installation

- Cryogen-free design
- Compact size: 1136 x 2177 x 1550 mm
- Weight: 1880 kg
- Zero magnetic fringe field
- No need for additional RF shielding in the lab

# Under the hood SPECT/CT

## Touchscreen interface

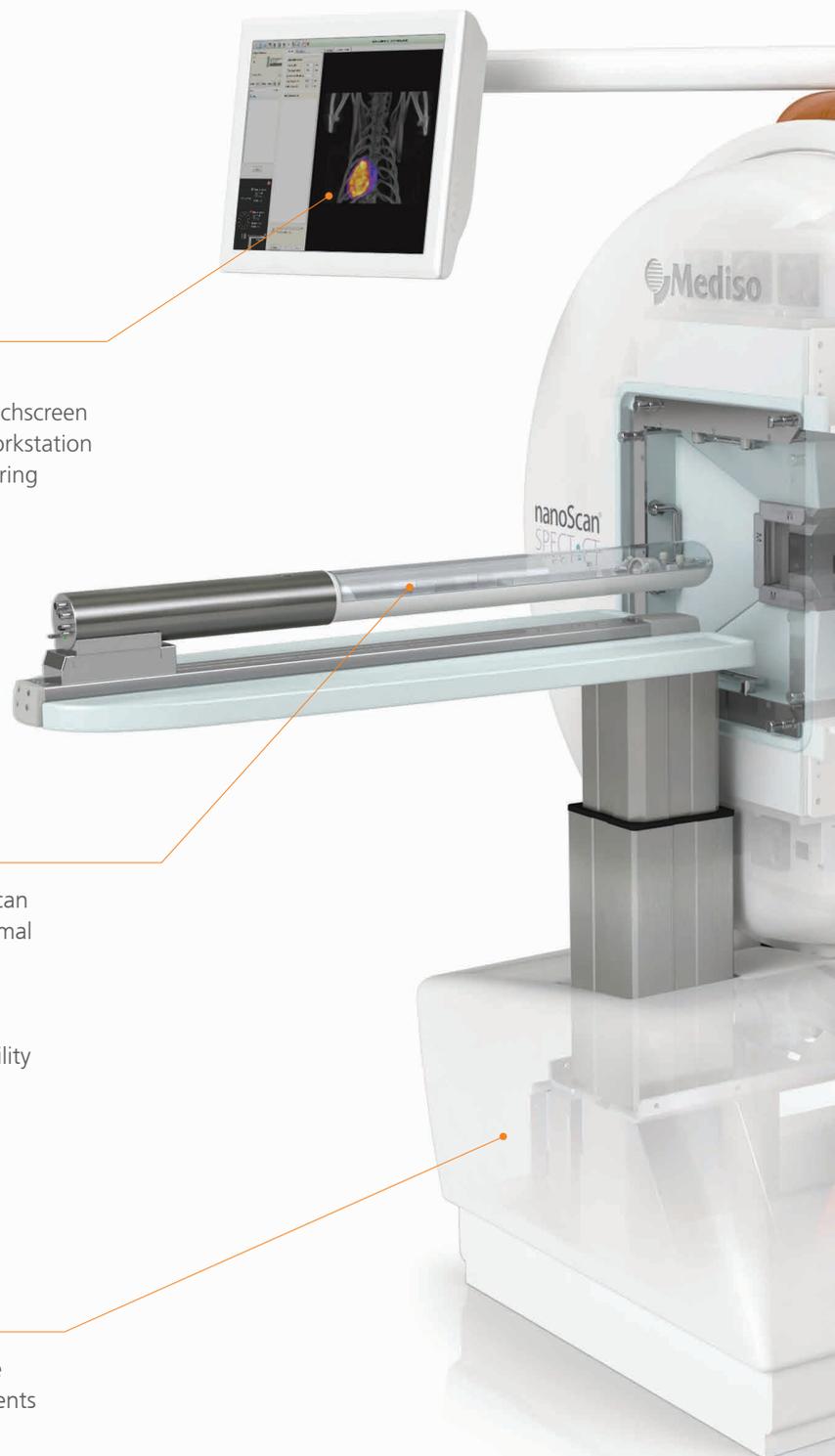
- Shared interface for SPECT and CT
- Bed movement control through touchscreen interface or from the acquisition workstation
- Online animal vital function monitoring
- SPECT persistence scope function

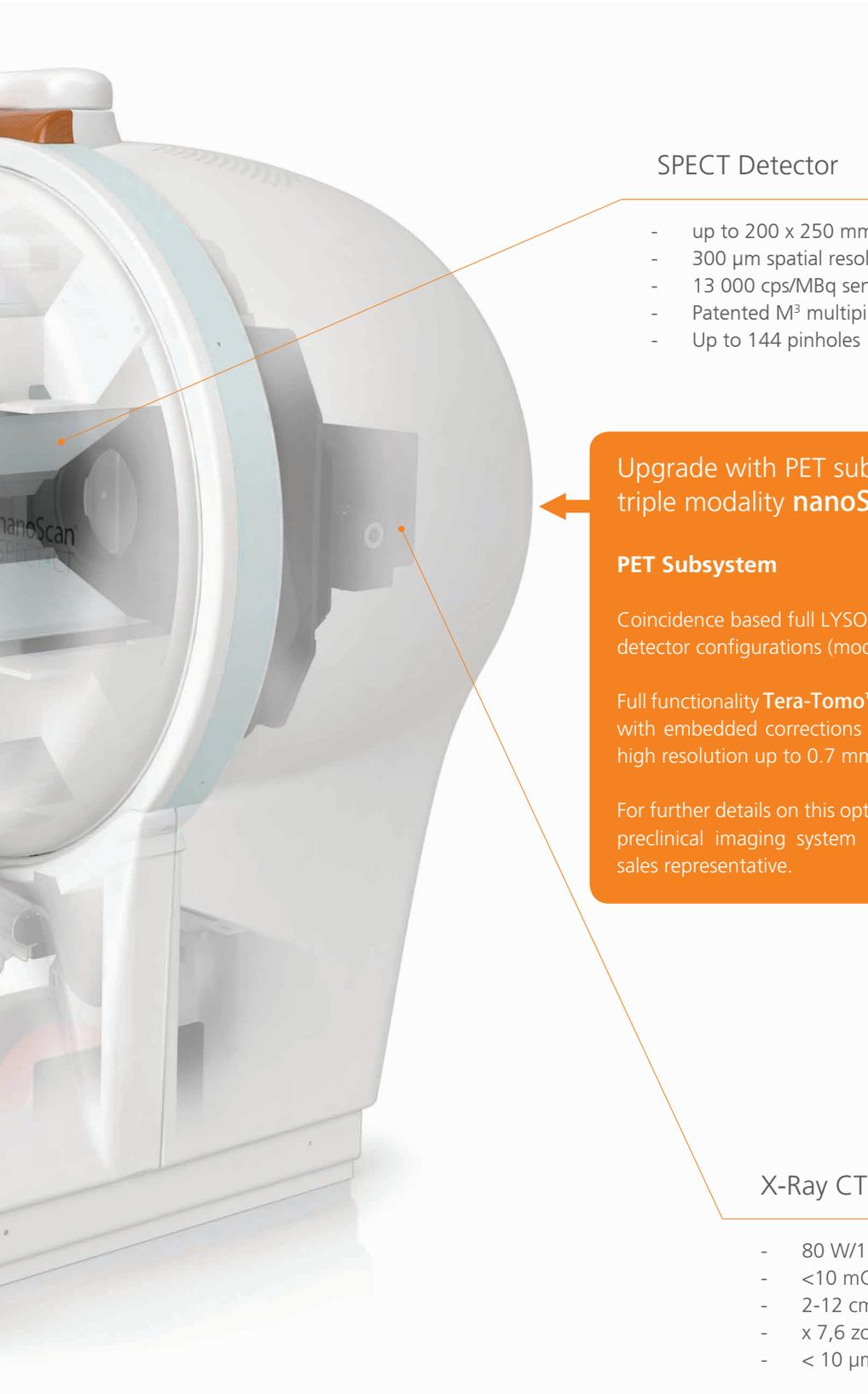
## Animal handling

- Direct access possibility to the animal during scan
- Zero dead space: easy manipulation of the animal (injection, blood sampling, etc.)
- Automated bed positioning
- Automatic imaging chamber recognition
- Integrated heating and gas anaesthesia possibility
- Physiology monitoring
- ECG/respiratory gating

## High Precision Gantry

- Precise and robust rotational bearing and drive
- Exceptionally stable gantry with 3 axis movements
- Large bore size up to 200 mm
- Touchscreen interface
- Vibration free rubber pads





### SPECT Detector

- up to 200 x 250 mm reconstructed FOV
- 300 µm spatial resolution
- 13 000 cps/MBq sensitivity
- Patented M<sup>3</sup> multipinhole technology
- Up to 144 pinholes

Upgrade with PET subsystem to an integrated triple modality **nanoScan®** SPECT/CT/PET

### PET Subsystem

Coincidence based full LYSO ring PET subsystem with various detector configurations (module / block): 8/1, 8/2, 12/1, 12/2

Full functionality **Tera-Tomo™** 3D PET reconstruction software with embedded corrections for accurate quantification with high resolution up to 0.7 mm and high sensitivity 9%

For further details on this option please refer to the PET based preclinical imaging system brochure or contact your local sales representative.

### X-Ray CT System

- 80 W/1 mA X-ray tube power
- <10 mGy exposure CT dose
- 2-12 cm variable TFOV
- x 7,6 zoom
- < 10 µm isotropic voxel size

#### Conformance Statement

Quality management system operated by Mediso Medical Imaging Systems complies with Council Directive 93/42/EEC Annex II.

Product design, development, production and services comply with EN ISO 13485 and EN ISO 14971.

Safety labels are attached to appropriate places on equipment and appear in all operation manuals.

The supplied software complies with DICOM standard.

The technical information provided here is not a detailed specification.

For details and up to date information please contact your local distributor or Mediso Medical Imaging Systems.

#### Trademarks:

**nanoScan**® is registered trademark of MEDISO Medical Imaging Systems.

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