



digital brochure



■ ■ ■ Made in Germany

mie-scintron.com/ancoris

ANCORIS – PET SCANNER

DEDICATED PET IMAGING AT IT'S BEST

ANCORIS *PET*

Powered by SCINTRON

2x 10" LCD touch display

- ▶ Allows convenient access to patient, acquisition and system information

Integrated acquisition and gantry control electronics

Low attenuation pallet for best image quality

- ▶ Space for more information

Lowest position: 52.3 cm (20.6" / 1.7')

- ▶ Increases patient safety while getting on and off the table
- ▶ User friendly preset options for wheelchair and hospital bed positions



State of the Art. Cardiac PET. Scintron. Simultaneous MPI & MFR.

- ▶ FDA cleared and DIN EN 60601-1 tested
- ▶ Developed and manufactured to meet current market standards and needs
- ▶ Ready for Rb-82, N-13, F-18
- ▶ Integrated ECG & respiratory gating
- ▶ Patient weight up to 500 lbs
- ▶ Windows 10 IoT for highest IT security

Certified. Resolution.

Patient. Sensitivity.

- ▶ LSO detector material
- ▶ 4 nsec coincidence window
- ▶ Modern electronics (12Mcps) for less deadtime and max scanner performance
- ▶ Total system weight 3656 lbs (1656 kg) incl. Patient Handling System

Max. 500 lbs patient weight

Integrated ECG and respiratory gating

- ▶ No additional trigger monitor necessary

Motorized and manual in / out positioning

- ▶ User friendly preset options for wheelchair and hospital bed positions
- ▶ Lowest position: 52.3 cm (20.6" / 1.7') increases patient safety while getting on and off the table



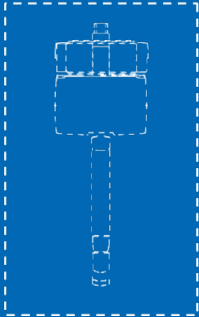
ANCORIS *PET*

Powered by scinttron

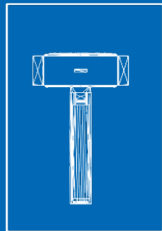
ANCORIS vs. PET/CT

- ▶ Only 60% space requirement compared to PET / CT
- ▶ Minimum floor resilience -> 65% lower system weight
- ▶ Economic & ecologic
- ▶ None to minimum wall shielding
- ▶ Low power connection -> 230V / 8A (1.84kVA)
- ▶ Low power consumption -> 98% less
- ▶ Lower cooling (equal to electricity heating)

16' x 26' for PET/CT.



13' x 19' for ANCORIS





Enhanced workflow & patient care

- ▶ Minimal dosing with maximum image quality
- ▶ High countrate for standardized dosing (9MBq/kg)
- ▶ Simultaneous MPI & CFR acquisition
- ▶ Protocols for optimized performance
- ▶ 3D acquisition for highest MPI image quality
- ▶ Integrated quantification tools
- ▶ DICOM interface
- ▶ Windows 10 IoT for highest web-based security

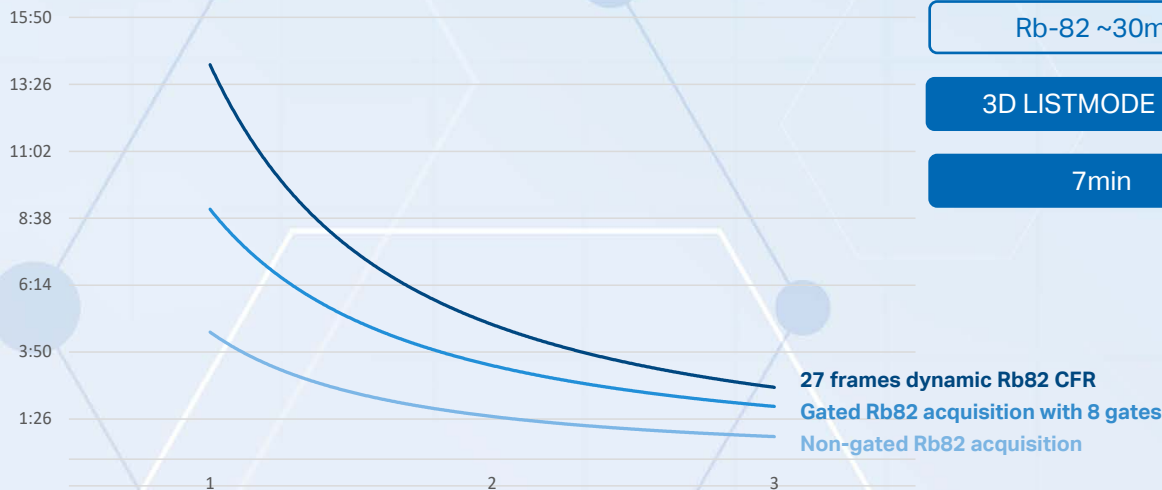
RESEARCH & DEVELOPMENT

Continuous improvement of reconstruction time and image quality

- ▶ Made in Germany
- ▶ Continuous in-house development
- ▶ Adaptation to new technologies
- ▶ Modern software techniques
- ▶ Today's electronic upgrades
- ▶ New computer spare parts
- ▶ Latest updates for IT security



Reconstruction-Time vs. R&D-Steps



Acquisition workflow





MiE America and its service partners are always ready to help you.

SCINTRON *PET*

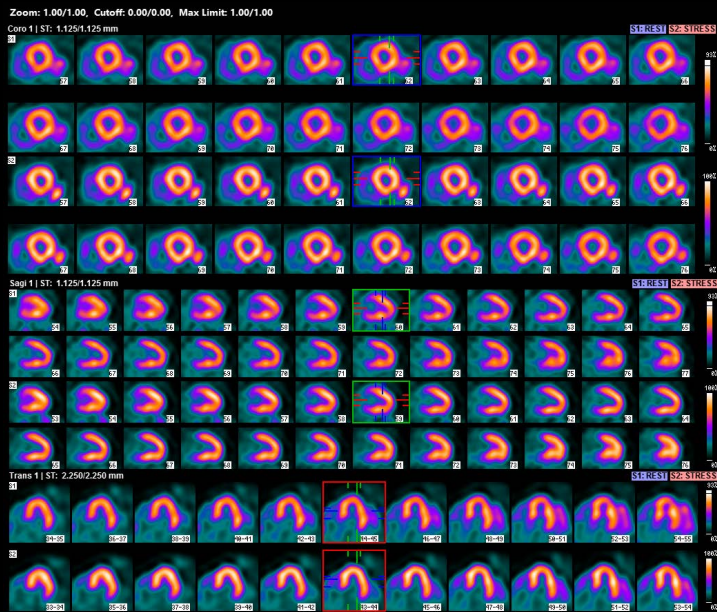
WORKSTATION



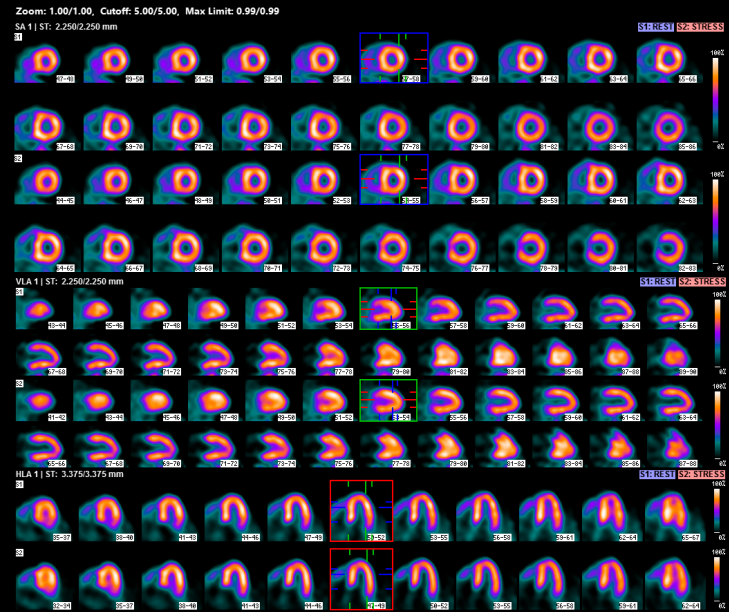
Enhanced workflow & patient care

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- ▶ 3D acquisition for highest MPI image quality
- ▶ Integrated quantification tools
- ▶ DICOM interface
- ▶ Windows 10 IoT for highest IT security
- ▶ User-friendly and intuitive operation
- ▶ Remote support from our application and service team

Rb-82

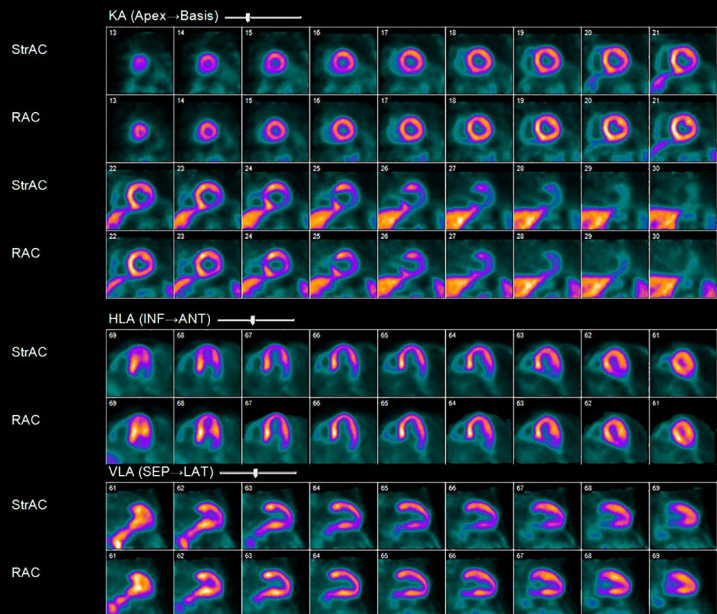


174 lbs, 5'8" height, male, 13.2 mCi

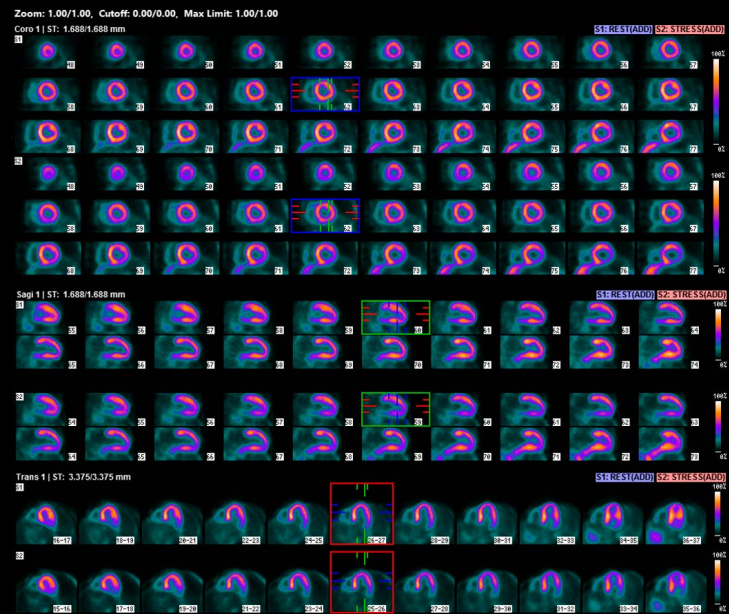


203 lbs, 5'5" height, 57, female, 17.4 mCi

N-13



190 lbs, 5'7" height, 84 age, male, 9.0 mCi (left: 4DM / right: Scintron)



About MiE

German quality work combined with first-class US service

We have produced gamma camera and PET systems since 1981 for the complete nuclear imaging medical market of the nuclear medical diagnostic. We also provide solutions for the discriminating and price sensitive market.

All our systems are produced according to current medical and technical requirements. The experience and the know-how since 1974 form the development of our data and image processing unit SCINTRON. Accredited service, constantly care of our hard- and software and time accordant design show our capacities.

Since 1995 MiE America, Inc. has been in business to provide an even better service to our american customers. MiE America, Inc. is located in Elk Grove Village, IL, USA. but works with certified service partners all over the USA.

The MiE GmbH is in accordance with EN ISO 13485 certified and our gamma camera systems are with Annex II of Directive 93/42/EWG approved. Also, we are registered at the FDA – our systems are 510(k) approved since 1995. This extensive certification is the basis for the manufacture and distribution of medical products to the world market.



Production hall - MiE Germany



Our team consists of specialists from various fields: Business graduates, industrial clerks, office clerks, industrial engineers, toolmakers, automotive mechanics, precision mechanics, technicians, engineers, computer scientists, electronic engineers, mathematicians and physicists.



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