Technical details and possible equipment variants

Software
- DICOM 3.0 (Storage, Secondary Capture, Query, Print, Worklist)
- BMP-, GIF-, AVI-, ...-File Transfer
- Interfile 3.3 Conversion via netware
- Quality control with generation of Census Files for long time checks and additional utility programs
- Patient-Data-Editor
- Desktop-Publishing-Editor for high quality, user defined printouts (Report generator)
- Assumption of clinical test results into standard text programs
- Odyssey PC-XTerminal
- Graphic remote access for application support and fault-tracing.
- Generation of individual acquisition- and processing macros
- Further equipment variants on request.

Hardware
- High End Computer with powerful Intel Pentium-Processors
- CD-DVD/RW
- 3 1/2 — 1024 MB Magneto Optical Disc
- RAID Harddisc-System
- TFT-Processing Display
- Dual-Monitor-Displays
- DICOM Printer
- All usual color laser- and Ink-Jet printer connectable
- Video-Documentation connectable (X-Ray Film)
- Additional Processing Workstation
- Optoisolated ECG-Trigger Input

Specifications subject to change without notice.
Clinical Processing Software
(System Independent Overview)

SPECT
- Standard-Spect, Cardio-Spect, Brain-Spect (DATscan, ...)
- Filter Backprojection
- Iterative Processing
- Polartomogram-Calculation
- Norm Data Base
- Norm Data Base Generator for individual comparison

Gated SPECT
- Quantitative Processing
- 3-D-Visualisation (self configured)

Whole Body
- Representation and comparison of up to four complete Whole Body studies
- Zoom function of individual areas
- Additional image processing functions with ROIs etc.

Lung
- Lungs perfusion
- Lungs ventilation
- Comparison of ventilation/perfusion with segmented ROIs

Renal
- Oberhausen Renal Clearence
- Bubeck Clearence (Mag3)
- Glomeruläre Filtration Rate (GFR)
- Diuretica (Lasix) Program
- Renal –Transplant program

Cardiac (planar)
- First Pass-Analyze
- Reflux-Program
- Cardiac trigger/MUGA/RNV
- Planar Thallium-Analyze with Washout

Thyroid
- Thyroid-Uptake with individual adjustment for the Printout (Size, ROIs, thresholds etc.)
- Freely organizable syringe management.

- 4 different Nuclids predefined
- Volume calculation with different methhods
- Activimeter Thyroid Program
- Para-Thyroid Processing

Program for 1131 Therapy planing and -control
- Uptake calculation without count loss
- Calculation of the first dose of the Isotope
- Calculation of the necessary following doses
- Integrated Data Base for use and repeated calculation of the same ROIs

- Calculation of the patient rest activity value dismissal of the patient

Additional processing software
- 3-Phase-Bones
- Osteomyelitis Program
- Reflux-Program
- Liver-Program
- Cerebrale Blood pool Analyze

A detailed listing of capability characteristics infer please from the detailed product description.