

**Nuclear Medical Processing System  
GMS-586**



nuclear medical examinations  
from thyroid scintigraphy  
to SPECT

state-of-the-art computer technology

clinically proven software

**Nuklear Medical Software**

NSP-00 basic software for **general purpose functions**, incl. quality checks

NSP-01 **thyroid** scintigraphy

NSP-02 **organs (planar)**  
bone, lung, kidney, parotis  
lymph system, liver, stomach,  
esophagus, gastrointestinal tract

NSP-03 **heart (planar)**

NSP-04 **whole body** scintigraphy

NSP-50 **SPECT** basic software

NSP-51 **Iterative Reconstruction**

NSP-52 **Gated SPECT**

NSP-53 quantification **brain SPECT**

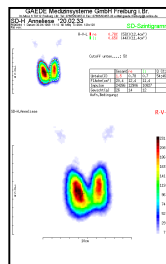
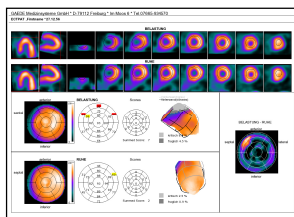
**DICOM**

Store, Worklist, Query/Empfang, Print, MPPS

**Documentation**

various modes of representation

adjustments according to individual requirements



**Operating System**

LINUX with X-Windows user surface

user software and manual available in English,  
French and German, other languages on  
request.

**Hardware\***

Motherboard	Asus
CPU	AMD ≥ 5 GHz
Main Memory	4 GB
Graphic Controller	>1 GB Speicher
HD drive	≥ 500 GB
DVD-RW	4,7 GB

interfaces: Ethernet, parallel, serial

6 USB 2.0 Ports

remote access by internet (router)

**Peripherals\***

24" TFT-flat screen monitor, mouse, keyboard,  
foot switch, colour laser printer (optional),  
UPS (optional).

**Connection to Gamma Cameras of other  
Manufacturers**

Many existing gamma camera systems can be  
modernised with our gamma camera interface  
and GMS-586 computer system, adjusting them  
to the demands of today with regard to  
evaluation, quality controls and documentation.

\* The **configuration** varies according to the  
adapted camera system and the respective  
quotation.