

QUALITY ASSURANCE REPORT

SIEMENS SOMATOM Definition AS 64 CT

ITEM: NVI-C00524



ISSUED BY NOVO IMAGING APS | INSPECTION DATE: 22 MAY 2023

MANUFACTURER

Siemens

MODALITY

CT

SYSTEM YOM

2018

SLICE COUNT

64

Customer report

This report presents the system configuration, component identification, included accessories, recorded condition and QA status for the Siemens SOMATOM Definition AS 64 offered by NOVO Imaging ApS.

System identification & imaging chain

Core system data, inspection details, gantry and detector information

SYSTEM INFORMATION

Manufacturer	Siemens	Modality	CT	Model	SOMATOM Definition AS
Serial no.	92038	System YOM	2018	Number of slices	64
Upgraded system	No	Cooling method	Air	Report item	004735

INSPECTION DETAILS

QA type	System inspection	Inspection date	22 May 2023	Report issuer	NOVO Imaging ApS
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GANTRY & DETECTOR INFORMATION

Gantry YOM	2018	Detector YOM	2018
Gantry model no.	P46 08098555	Gantry serial no.	7288
Detector model no.	P46 C Adi	Detector serial no.	7687507

Tube, patient support & power distribution

Key imaging components and supporting hardware

X-RAY TUBE INFORMATION

Tube type	Straton MX	Tube YOM	2021
Housing model no.	8402062	Housing serial no.	931052106
Insert model no.	10141785	Insert serial no.	530072102
Installation date	25 March 2021	Recorded tube count	949,300 (22 May 2023)

PATIENT TABLE INFORMATION

Table model no.	08097144	Table serial no.	5423
Table YOM	2018	Head rest present	Yes
Positioning pads included	Yes	System configuration	Fixed installation

POWER DISTRIBUTION UNIT

PDU / transformer model	08366465	PDU / transformer serial	7857	PDU / transformer YOM	2018
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Configuration note

Tube count is reproduced as recorded in the inspection documentation; the source did not specify a measurement unit.

Workstation configuration

Main host, reconstruction platform and selected software capabilities

MAIN HOST WORKSTATION

Model no.	Celsius M720 - 10864203	Serial no.	6485
Software version	VA48A SP1	Primary role	Acquisition and system control

MAIN RECONSTRUCTION WORKSTATION

Model no.	IRSmx4b - 10890634	Serial no.	LBK28B0917
Software version	VA48 SP5	Primary role	Image reconstruction

CONFIGURATION HIGHLIGHTS

Slice configuration	64-slice	Low-kV capability	70 kV
Dose management	CARE Dose / CARE kV	Reconstruction	iMAR and iterative reconstruction
Intervention tools	3D and needle tracking	Advanced imaging	Dual-energy monoenergetic

Software licensing

The following page lists the software option identifiers recorded for this system configuration.

Installed software options

License identifiers recorded in the system inspection documentation

SOFTWARE OPTION INVENTORY

- GET_WORKLIST
- CAP3D_FILTER_SSD
- CAP3D_FILTER_MIP
- CAP3D_MAIN
- CAP3D_VOIMODE
- BOLUS_TRACK
- CARE_VISION
- CARE_DOSE
- SYNGO_GENERAL_LICENSE
- CAP3D_FILTER_VRT
- CAP3D_EDITOR
- MPPS_SUPPORT
- VOLUME_WORKFLOW
- CTAPP_MAIN
- DUAL_MON
- UHR_03
- UHR
- CAP3D_MULTIMONITOR
- DICOM_SR_VIEWER
- CTAPP_FILTER_VRT
- CTAPP_FILTER_MIP
- DEFINITION_AS
- SLICE_64
- INTERVENTION_ENH
- INTERVENTION_3D
- INTERVENTION_ARTEFACT
- INTERVENTION_NEEDLETRACK
- SCAN_AUTOREGION
- DE_SINGLE_SOURCE_RESEARCH
- CARE_DOSE_ADJUST
- CARE_DOSE_PROFILE
- CARE_DOSE_DASHBOARD
- RECON_IMAR
- CTAPP_DUALENERGY_MONO_E
- VOLTAGE_70KV
- CARE_DOSE_AUTOKV
- RECON_SPINEREGION
- RECON_ITERATIVE_STEP1
- SCAN_TILTEDSPIRAL
- MR_Support_i

Identifiers are reproduced as recorded and may represent licensed modules, workflow options or system capabilities.

Accessories, documentation & recorded condition

Included items, service documentation and system status

ACCESSORIES AND DOCUMENTATION

Software media	Yes	System manuals	Yes
CEE certificate	Yes	Additional item	Interventional panel
Additional quantity	2 footswitches	System logbook	Present

RECORDED CONDITION

Functional condition	Very good	Cosmetic condition	Very good
Recorded system status Functional and cosmetic condition were both documented as very good.			

QA PHANTOM

Model name	Model no.	Serial no.
CT Water Slice Phantom	10743592	276

NOVO IMAGING CUSTOMER REPORT

This customer-facing report is issued by NOVO Imaging ApS for the system offered by NOVO Imaging. Technical identifiers and recorded inspection outcomes are presented without third-party branding.

System QA testing

All test functions shown in the inspection record were reported as passed

9

PASSED

0

FAILED

0

N/A

SYSTEM QA TESTING

#	Performed test	Last run	Test result
1	Lightmarker	22 May 2023	PASSED
2	External lightmarker	22 May 2023	PASSED
3	Sagittal / coronal lightmarker	22 May 2023	PASSED
4	Topogram position	22 May 2023	PASSED
5	Slice	22 May 2023	PASSED
6	Homogeneity / water	22 May 2023	PASSED
7	Noise	22 May 2023	PASSED
8	MTF	22 May 2023	PASSED
9	Table position	22 May 2023	PASSED

QA conclusion

The system QA test set documented for this inspection was recorded as PASSED.

END OF REPORT