



**NAV Item number** 004790

**SYSTEM INFORMATION**

Manufacturer	Siemens	Serial no.	35262	Fixed or mobile?	Fixed
Modality	MR	System YOM	2007	Upgraded System	No
Model	Trio TIM	Gradient type	TQ Gradients, 45mT, 200T/m/s	Year of upgrade	YYYY
No. of channels	18	No. of quenches	0		

**BASIC MAGNET DETAILS**

Magnet type	<b>OR64</b>	Magnet YOM	2007
Magnet model no.	10110112	Magnet serial no.	21154891

**QA**

**RESPONSIBLES**

System check / Functionality Tests	Performed by	Stefan Hellwig
	Date	24 August 2023

**MAGNET INFORMATION**

Current helium level (%)	48.6%
Magnet pressure (incl. measurement)	n.a.
Shield temperature (°C)	27.4K (20K B.) / 61.0K (80K B.)

**COOLING SYSTEM INFORMATION**

Compressor / Cryo cooler	Model no.	Sumitomo HC-10
	Part no.	300091D23L
	Serial no.	Ko2762
	YOM	2007
	Running time	141863
	Pressure level	21b
	Last adsorber replacement or maintenance to be confirmed	21 September 2021 to be confirmed
Coldhead	Part no.	300388D
	Serial no.	J04396
	YOM	2020

	Last cold-head replacement or maintenance	Date of performance	
	Temperature (K)	10.0	

**GRADIENT**

Gradient coil	Model no.	AS092	
	Part no.	to be confirmed	

Extra trolley?	No	Included: No
Positioning pads incl.?	Yes	Included: Yes

**WORKSTATION INFORMATION (Main-Host)**

Workstation	Model no.	108 64 000
	Serial no.	1303
	SW version	VB 19A-SP04
	SW options	Insert picture

Name	Version	Expirydays
Tim Application Suite	1.0	3650000
Neuro Suite		
Body Suite		
Angio Suite		
Cardiac Suite		
Ortho Suite		
Onco Suite		
Pediatric Suite		
Breast Suite		
Scientific Suite		
syngo General License	43.1	3650000
Matrix Mode	1.0	3650000
3D Usage License	40.100	3650000
3D MPR	40.100	3650000
3D MIP	40.100	3650000
3D SSD	40.100	3650000
Argus Viewer	4.01	3650000
Worklist	40.100	3650000
MDDW	1.0	3650000
PhoenixZIP	1.0	3650000
syngo Remote Assist	1.0	3650000
Inline 3D Distortion Correction	1.0	3650000
Image Filter Software	1.1	3650000
MPPS	1.0	3650000
3D Distortion Correction	1.0	3650000
Tim Planning Suite	1.0	3650000
Composing	1.0	3650000
Inline Composing	1.0	3650000
Inline Diffusion	1.0	3650000
TimCT Fast View	1.0	3650000
Tim Whole Body	1.0	3650000

Spectroscopy: SVS	1.0	3650000
Spectroscopy: 2D CSI	1.0	3650000
iPAT Extensions	1.0	3650000
CISS & DESS	1.0	3650000
SWI	1.0	3650000
BLADE	1.0	3650000
TWIST	1.0	3650000
I-class	1.0	3650000
T-class	1.0	3650000
syngo Chorus MR	1.0	3650000
TimCT Angiography Suite	1.0	3650000
Optimized Protocols for EC	1.0	3650000
Spectroscopy: 3D CSI	1.0	3650000

**ACCESSORIES, MANUAL HARD-COPIES AND SOFTWARE DISCS**

Software discs	Yes	Included: Yes
System operator manuals	Yes	Included: Yes
Any additional items/accessories?	Injector	Included: Yes

**MAINTENANCE AND CONDITION**

Any major part replacements?	to be confirmed	
Is system logbook present?	No	
Date of last PM	Click or tap to enter a date.	
Functional condition	Yes <b>Shoulder Array large and 4 Ch Flex small did not pass. ECC and RF Verify checks failed. Table top cover glued.</b>	

**COILS AND QA TEST RESULTS**

	<b>Name &amp; No. of channels</b>	<b>Model no.</b>	<b>Serial no.</b>	<b>YOM</b>	<b>QA test results</b>	<b>Included at de-installation?</b>
1	Head Matrix	86 22 644	2477	YYYY	Passed	Yes
2	Neck Matrix	86 22 677	30626	YYYY	Passed	Yes
3	Spine Matrix	86 22 743	30021	YYYY	Passed	Yes
4	Body Matrix #1	86 22 651	1770	YYYY	Passed	Yes
5	Body Matrix #2	86 22 651	30676	YYYY	Passed	Yes
6	PA Matrix	86 22 750	1105	YYYY	Passed	Yes
7	Shoulder Array, large	86 23 626	2003	YYYY	Failed	Yes
8	Shoulder Array, small	86 22 719	1137	YYYY	Passed	Yes
9	8Ch Knee Coil	86 22 693	51873	YYYY	Passed	Yes
10	4-Ch Flex large	86 25 761	1050	YYYY	Passed	Yes
11	4-Ch Flex small	86 25 779	32117	YYYY	Failed	Yes
12	Flexcoil Interface	86 25 787	30016	YYYY	N/A	Yes
13	<a href="#">Click here to enter text.</a>	<a href="#">Click here to enter text.</a>	<a href="#">Click here to enter text.</a>	YYYY	Passed/Failed/NA	Yes/No

**PHANTOMS**

	<b>Model name</b>	<b>Model no.</b>	<b>Serial no.</b>	<b>Holder</b>	<b>Included at de-installation?</b>
1	Body Loader	075 77 658	to be confirmed	Yes/No	Yes
2	Phantom D240	075 77 666	to be confirmed	Yes	Yes
3	Spherical Phantom small	047 62 311	to be confirmed	Yes	Yes
4	Plastic Bottle 1900ml (4 pieces)	086 24 186	to be confirmed	Yes	Yes

### SYSTEM QA TESTING

#	Performed test	Test results	Reason(s) for error
		QA	
1	System overall is clean	Passed	
2	System shuts down normally without errors (performed by client) (Check/attach error log)	Passed	
3	System boots normally without errors (performed by client) (Check/attach error log)	Passed	
4	Check for alarms on the HEC Control panel	Passed	
5	Any abnormal noise production by system parts	Passed	
6	All system monitors, screens and displays function correctly	Passed	
7	No fluid leaks	Passed	
8	No signs of water leakage in the SEP cabinet	Passed	
9	Inspect hydraulic cylinder for leaks / spindle for noise or loss of bearings	Passed	
10	No system error LED's lit	Passed	
11	No damage to system covers, parts, cables, connectors etc.	Failed	
12	Does the system display any error or warning messages (Check/attach error log)	Passed	
13	All motorized and manual system movements can be executed	Passed	
14	No errors reported when executing system embedded diagnostics (Check/attach error log)	N/A	
15	No system adjustment values out of specification (Attach picture of the report manager)	Failed	
16	All system user interfaces, buttons and knobs function correctly	Passed	
17	No mechanical damage to moving system parts	Passed	
18	All system filters clean	N/A	
19	All system cooling fans clean and operational	N/A	
20	Spike Check	Passed	
21	Synthesizer Check	Passed	
22	Shim Check	Passed	
23	Absolute Receive Path Calibration	Passed	
24	Relative Receive Path Calibration	Passed	
25	Cross Term Compensation Check	Passed	
26	Eddy Current Compensation Check	Failed	
27	Image Orientation	Passed	
28	Calibration Artifacts	Passed	
29	Coil Power Loss Check	Passed	
30	Gradient Regulator check	Passed	
31	BC Tuning Test	Passed	
32	Fat Saturation Check	Passed	
33	Patient Temperature Sensor Check	Passed	
34	RF Verify Check	Failed	

**END OF REPORT**