SYSTEM REPORT: Siemens Magnetom Aera 1.5T – GIE IRM Laon, France - 8th July 2019

CURRENT SYSTEM LOCATION	GIE IRM, Laon
PROJECT NO. (REFERENCE)	PODK02519/002519
INSPECTION DONE BY	Wayne Goring (Trained Siemens MRI Engineer)
DATE OF INSPECTION	08/07/2019
SYSTEM INFORMATION	
Manufacturer and model	Siemens Aera 1.5T – Software syngo MR E11 (The system has benefitted from a recent software upgrade)
System model no.	Aera TIM+DOT 1.5T
System serial no.	41417 System ID M034374
System YOM	23/07/2012
Gradient type	GC 1.5XJ
Nbr of Channels	48
MAGNET INFORMATION	
Magnet YOM	June 2012
Magnet model no.	10126958
Magnet serial no.	21366441
MAGNET INFORMATION	
Current helium level	75.1% as of 8th July 2019
Magnet pressure	15.51 Good
Shield temperature	50K L Shield 50.0 //// 56.3K B Shield 55.6K Both ok
COOLING SYSTEM INFORMATION	
Compressor model no.	Sumitomo F70H (SN) SC212381G** SW Version 1.7 Latest Version
Compressor YOM	03/2012
Compressor running hours	60935
Compressor pressure level	21 dynamic (running) Good
Last adsorber replacement	Absorber life 30936
Cold-head model no.	RDK-408L3
Cold-head YOM	11/2017
Last cold-head replacement	35L17L45B
PATIENT TABLE INFORMATION	
Table model no.	PTAB
Table serial no.	12811254
Table YOM	2012
Extra trolley available?	No
Table YOM	2012
Positioning pads incl.?	All available and in very good condition

CONSOLE AND WORKSTATION(S) INFORMATION	
Console model no.	HP Z420 10928173
Console serial no.	CZC528126K (Running on Windows 7 Professional)
Console software version	See system photos and report files.
Console software options	See system photos and report files.
Workstation (1) model no.	N/A
Workstation (1) serial no.	N/A
Workstation (1) SW version	N/A
Workstation (1) SW options	N/A
ACCESSORIES, MANUAL HARD-COPIES AND SOFTWARE DISCS	
Software and manuals (list)	• Installation Manuals • Service Manuals • Siemens manuals and magnet maintenance kit • Installation scanner and building drawings • Full-Service History can be requested from the Client as Siemens email the client with service reports via Service Cloud. All service reports are emailed to the client following maintenance or repair works. • Various system master backups with full software located within the technical room.
Any additional items/accessories?	• Magnet service kit available with full parts inside • Magnet transport kit (Sea Freight available) • Injector not included • Patient monitoring CCTV • Bluetooth ECG and pulse monitor included • Additional quench button supplied. • Syngo Via Not included • Shim kit available
MAINTENANCE	
Any major part replacements?	Cold head 2017 Replacement body coil Replacement Head Neck coil Coils installed but not available to be removed are Hand/Wrist coil PA coil Foot/Ankle coil Customer wishes to use these coils on the next Siemens system and specified these were not tested and are to stay.
Is system logbook present?	Yes, all complete and all maintenance / install manuals All user manuals are on CD.
COMMENTS	
Functional condition	1. The scanner is in excellent condition. 2. All system components have been testing and working. 3. The system has benefited from a recent upgrade to software version E11. 4. Turret area all clean and dry

	5. Helium is at 75.1% 6. There is some slight damage to the front table right coil port connector on the table.  7. Pulse and ECG monitors tested and working.
Cosmetic condition	Excellent all round, low use MRI scanner – excellent example of an Aera

COILS				
	Model Nr.	SN	YOM	Comments
List of coils	16Ch AI Breast Feet Rap 10185781	1212	2012	PASS QA – Good condition
	Body Coil 10358316	1453	2012	PASS QA – Good condition
	Body 18 10496530	30006	2015	PASS QA – Good condition
	Body 18 10496530	1113	2017	FAILS QA – See report
	Flex Large 4 10185552	4314	2012	PASS QA – Good condition
	Flex Small 4 10185553	4291	2012	PASS QA – Good condition
	Foot ankle 10500084 (Staying with system not included)	1265	2012	Not tested as staying on site for use with the next system
	Hand wrist 10499848 (Staying with system not included)	1421	2016	Not tested as staying on site for use with the next system
	Head Neck 10496540	1523	2012	PASS QA – Good condition
	Loop 4 cm 10185556	1682	2012	PASS QA – Good condition
	Peripheral Angio 36 Feet 10496542 (Staying with system not included)	1363	2013	Not tested as staying on site for use with the next system
	Shoulder Large 16 10500081	2653	2016	PASS QA – Good condition
	Shoulder Small 16 10500082	1393	2012	PASS QA – Good condition
	Spine 32 10496544	1523	2012	PASS QA – Good condition
	TxRx 15 Ch Knee QED 10606524	1240	2015	PASS QA – Good condition

PHANTOMS				
List of phantoms	Model name		Model no.	Serial no.
	Large Plastic Bottle CPL Part Number 08624186	2	Standard	Non serialised
	Loaded Body Phantom 24 Part Number 05750307	1	Standard	Non serialised
	Spherical Phantom D240 Part Number 10496685	1	Standard	Non serialised
	Spherical Phantom D165 Part Number 10496625	1	Standard	Non serialised
	Set of full phantom holders Part Number 05513119	1	Standard	Non serialised
	Phantom MR 5300ml Part Number 10606530	1	Standard	Non serialised
	Phantom Holder 20 Part Number 07582500	1	Standard	Non serialised
	Phantom Holder 6 Part Number 07097939	2	Standard	Non serialised

System components	**SN:**
Main gantry and tech room cabinets detailed within the report	See system label photos
Injector	Not included
Service platform (engineers height assist)	Present in tech room. Also with nonmagnetic ladders
Ladders in tech room	1 x ladder set nonmagnetic with Hegele label
MRI safe gurney	Present but not with the system.

Q&A TESTING *(detailed values/parameters must be documented)*	
Coil QA	**See detailed QA full Coil QA reports dated 08/07/19**
SYSTEM QA	**See detailed QA full System reports dated 08/07/19**

Data from QA/tests performed:

See reports and PDF files for comprehensive and service level coil QA results. Body 18 matrix coil with SN 1113 fails QA. Reported to the client and will be replaced before removal date. QA to be re-run on new body 18 coil ahead of ramp down on the 5th August 2019.

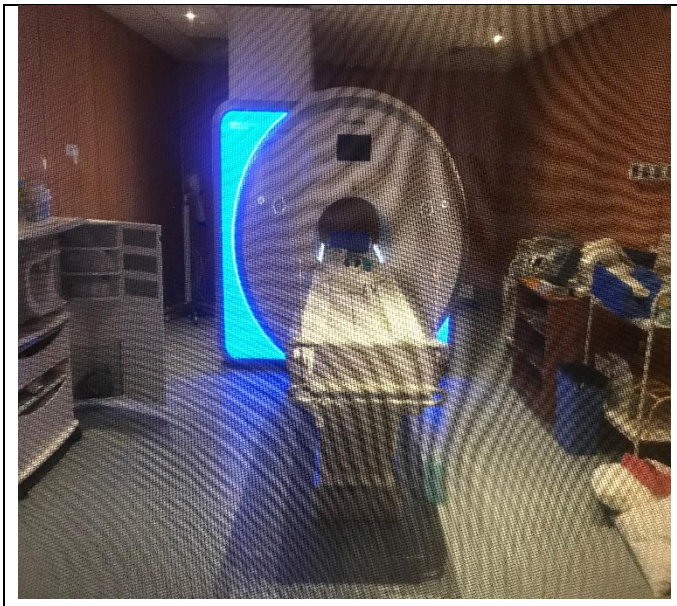
System tests QA Service mode all pass

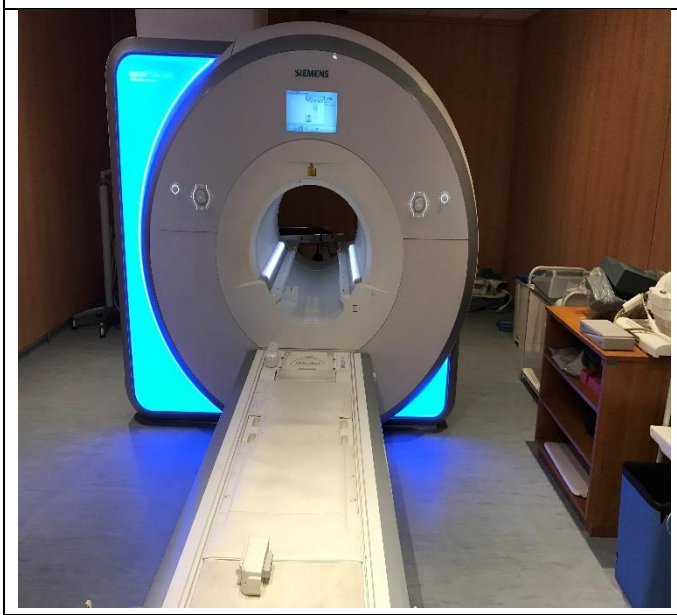
Coil QA all passed

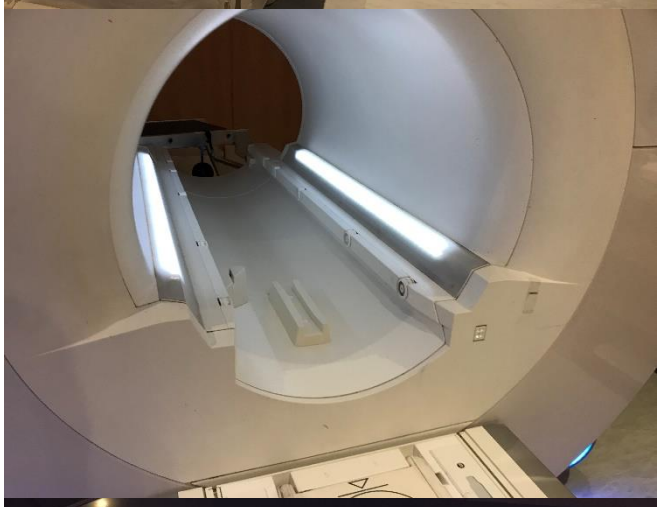
GORING MEDICAL
PROJECTS LTD
PROJECTS MANAGED WITH CLOSE ATTENTION AND CARE

Pictures of system:

System, Patient Table, Cold Head, cryogenic compressor and Main Console





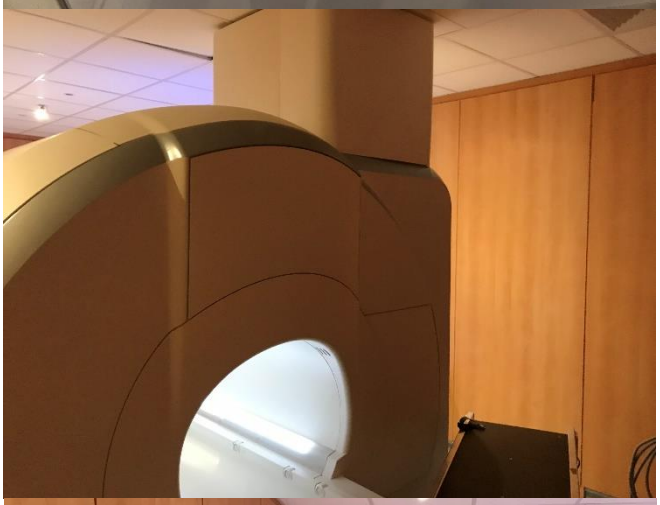



MAGNETOM Aera
A Tim+Dot System

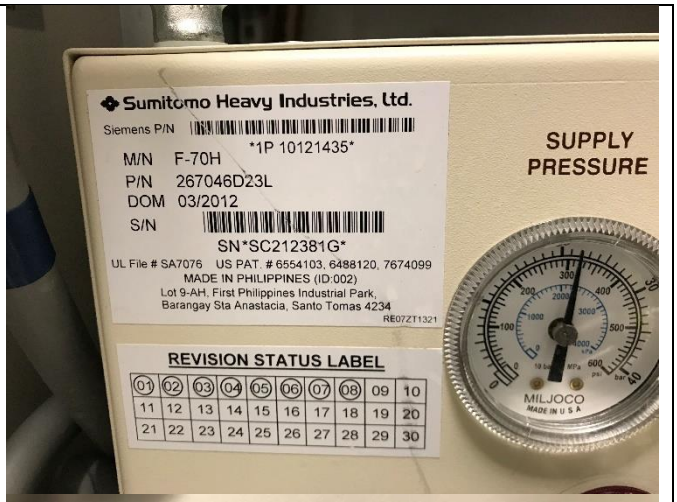

SIEMENS


Nouveau patient enregistré
Home
Spine 32

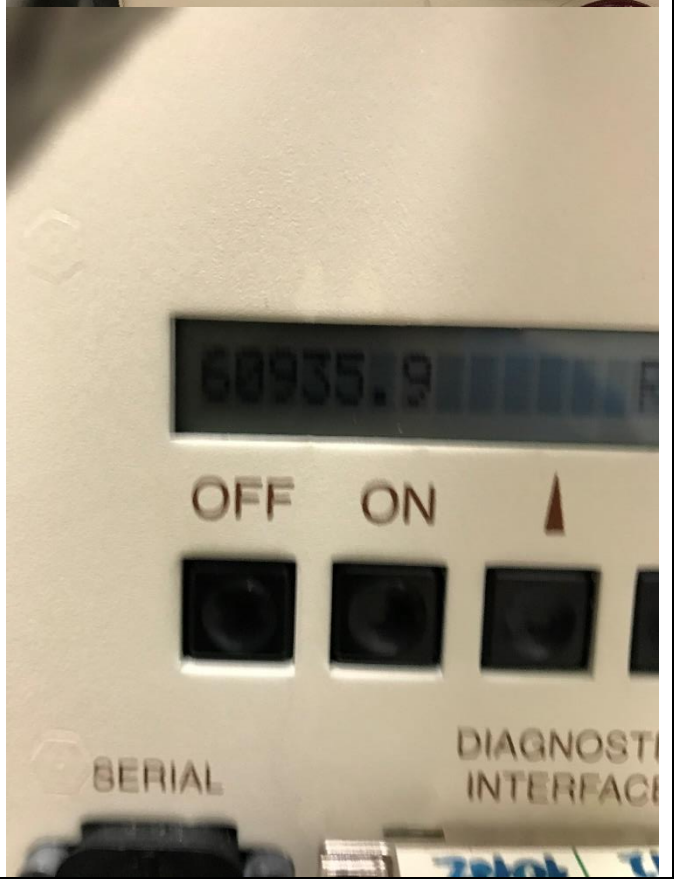


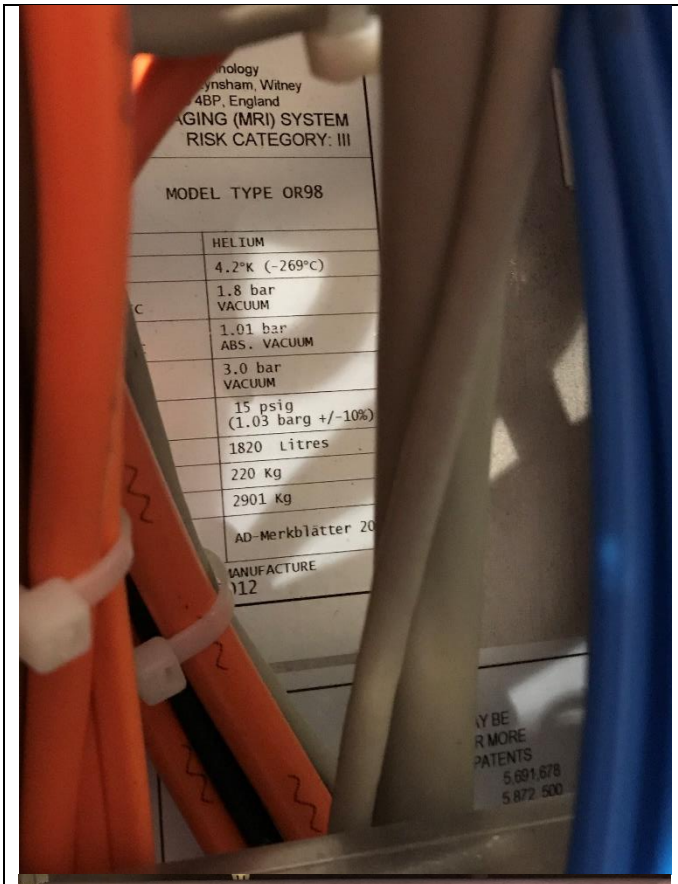



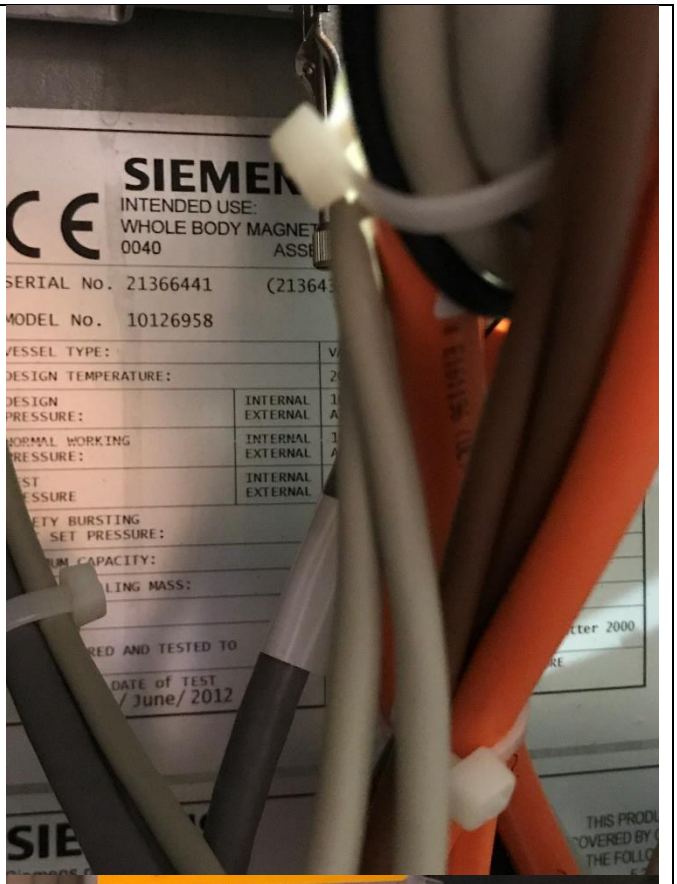

SUPPLY PRESSURE
WARNING
F-70
Sumitomo

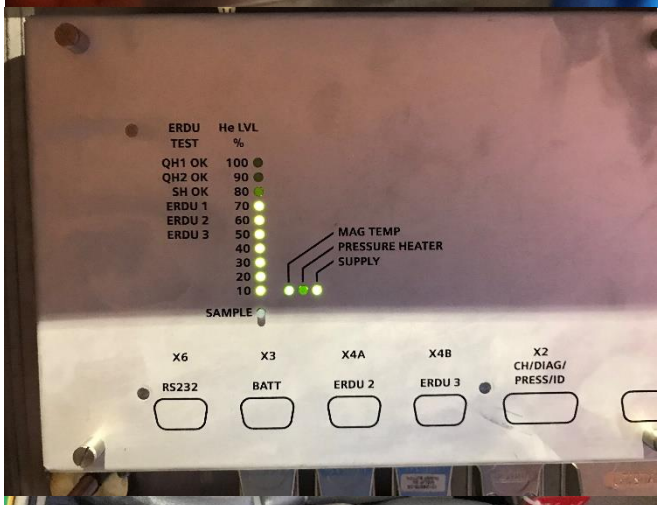

Sumitomo Heavy Industries, Ltd.
Siemens P/N
1P 10121435
M/N F-70H
P/N 267046D23L
DOM 03/2012
S/N
SN*SC212381G*
UL File # SA7076 US PAT. # 6554103, 6488120, 7674099
MADE IN PHILIPPINES (ID:002)
Lot 9-AH, First Philippines Industrial Park,
Barangay Sta Anastacia, Santo Tomas 4234
RE07ZT1321
REVISION STATUS LABEL
01 02 03 04 05 06 07 08 09 10
11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28 29 30
SUPPLY PRESSURE
MILJOCO
MADE IN U.S.A.

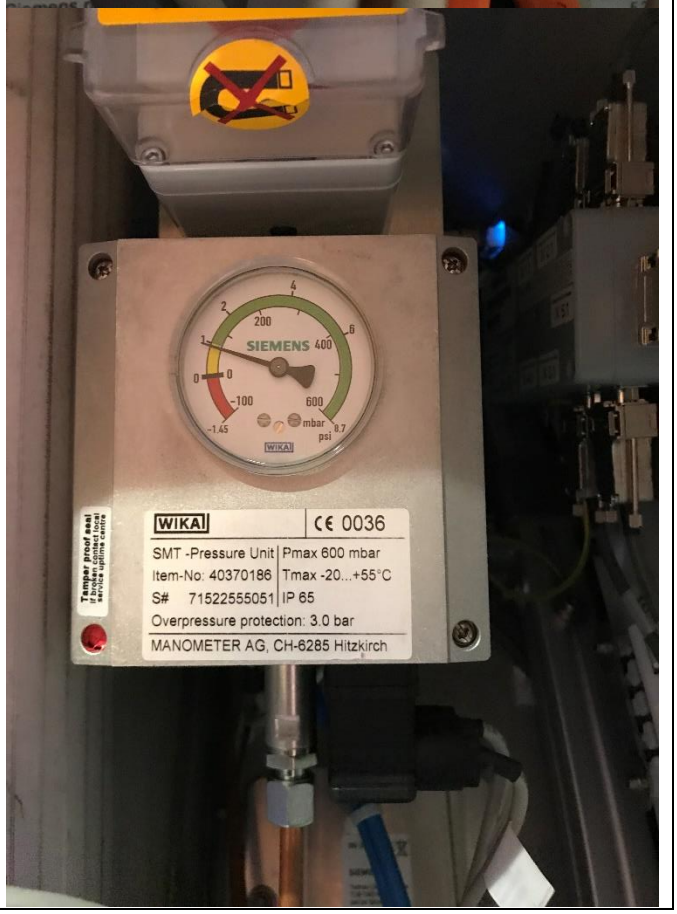

PRESSURE
MILJOCO
MADE IN U.S.A.


OFF
ON
SERIAL


nology
ynsham, Witney
4BP, England
GING (MRI) SYSTEM
RISK CATEGORY: III
MODEL TYPE OR98
HELIUM
4.2°K (-269°C)
1.8 bar
VACUUM
1.01 bar
ABS. VACUUM
3.0 bar
VACUUM
15 psig
(1.03 barg +/-10%)
1820 Litres
220 Kg
2901 Kg
AD-Merkblätter 20
ANUFACTURE
012
Y BE
R MORE
PATENTS
5,691,678
5,872,500

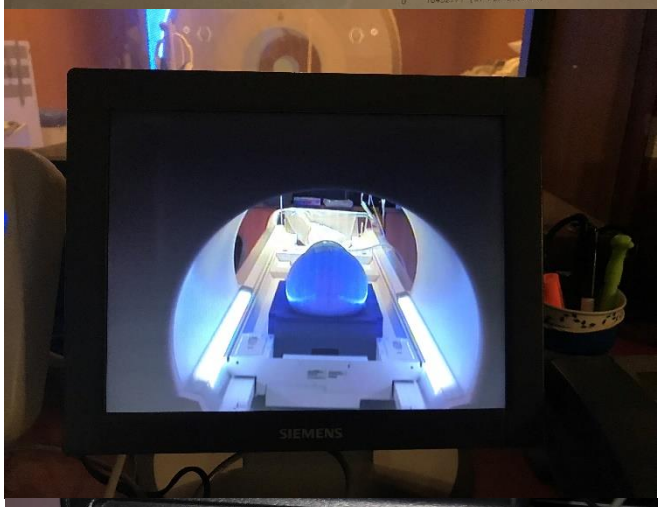

SIEMEN
CE
INTENDED USE:
WHOLE BODY MAGNET
0040
ASSE
SERIAL No. 21366441
MODEL No. 10126958
VESSEL TYPE:
DESIGN TEMPERATURE:
DESIGN PRESSURE:
INTERNAL
EXTERNAL
NORMAL WORKING PRESSURE:
INTERNAL
EXTERNAL
INTERNAL
EXTERNAL
SET PRESSURE:
CAPACITY:
LING MASS:
ED AND TESTED TO
DATE of TEST
June/ 2012
tter 2000
SIE
THIS PROD
OVERED BY
THE FOLLO


ERDU TEST
He LVL %
QH1 OK
QH2 OK
SH OK
ERDU 1
ERDU 2
ERDU 3
100
90
80
70
60
50
40
30
20
10
MAG TEMP
PRESSURE HEATER
SUPPLY
SAMPLE
X6
RS232
X3
BATT
X4A
ERDU 2
X4B
ERDU 3
X2
CH/DIAG/
PRESS/ID

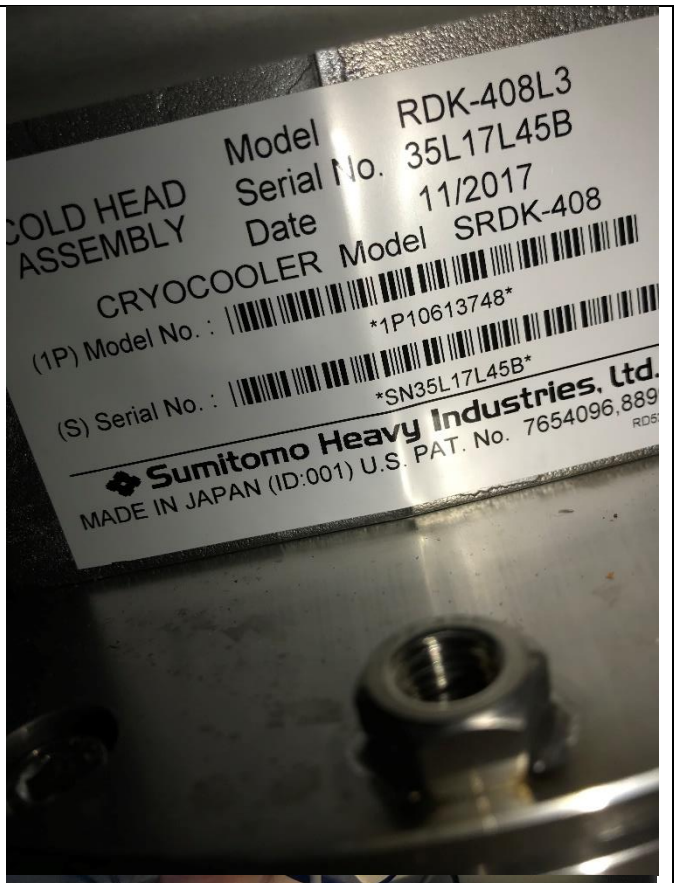

SIEMENS
WIKA
CE 0036
SMT -Pressure Unit
Item-No: 40370186
S# 71522555051
Pmax 600 mbar
Tmax -20...+55°C
IP 65
Overpressure protection: 3.0 bar
MANOMETER AG, CH-6285 Hitzkirch
Tamper proof seal


DANGER
GEFAHR
WARNIN

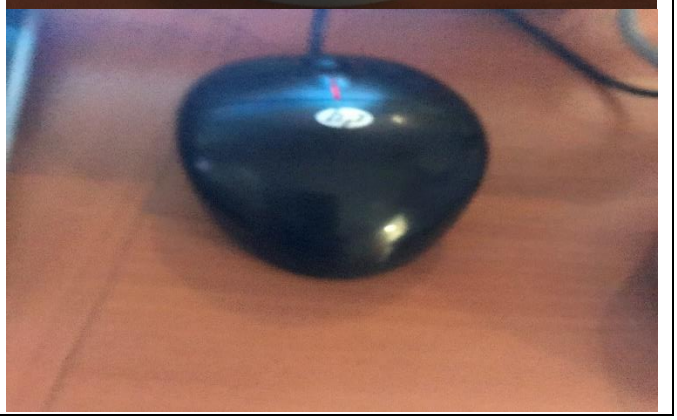

Digital RF Transmitter

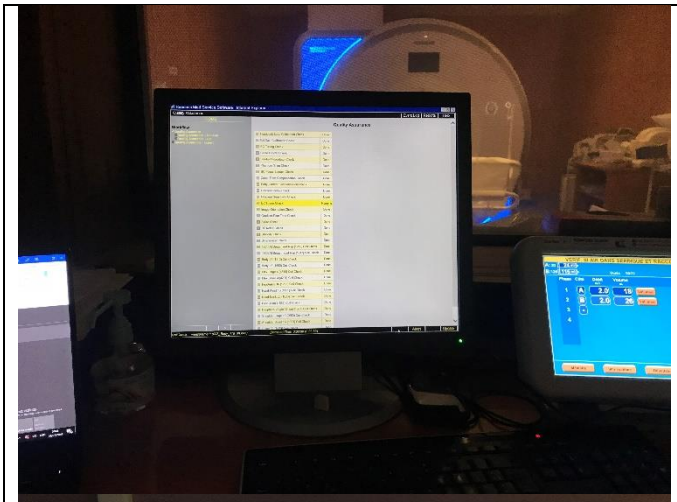
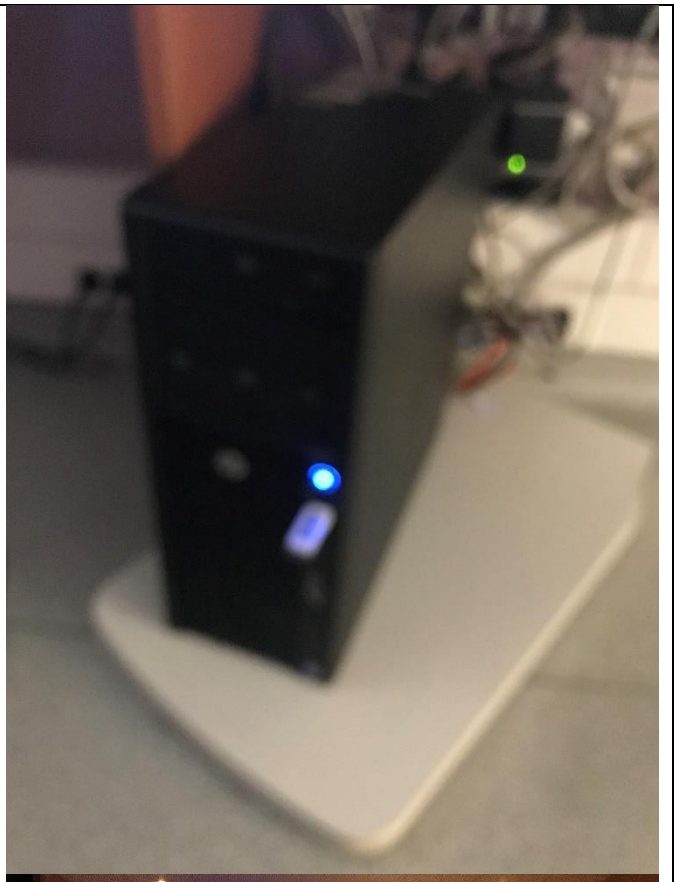

SIEMENS

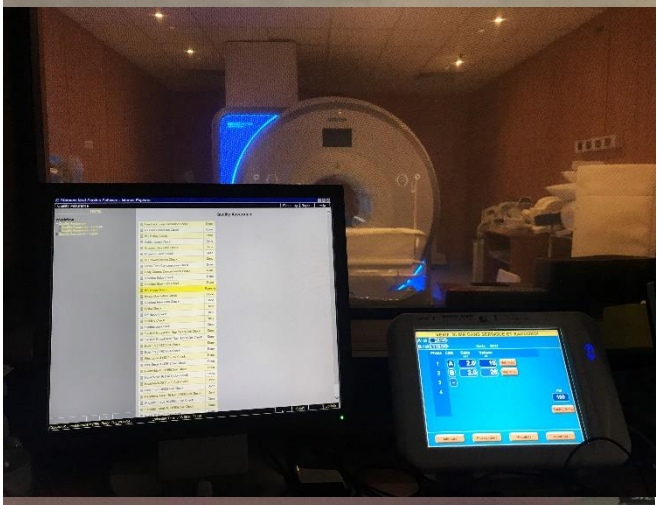

Z420

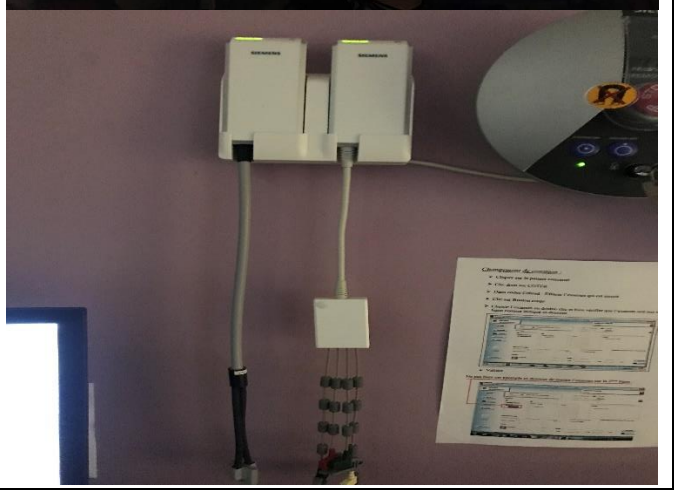

COLD HEAD ASSEMBLY
Model RDK-408L3
Serial No. 35L17L45B
Date 11/2017
CRYOCOOLER Model SRDK-408
(1P) Model No. : *1P10613748*
(S) Serial No. : *SN35L17L45B*
Sumitomo Heavy Industries, Ltd.
MADE IN JAPAN (ID:001) U.S. PAT. No. 7654096,889

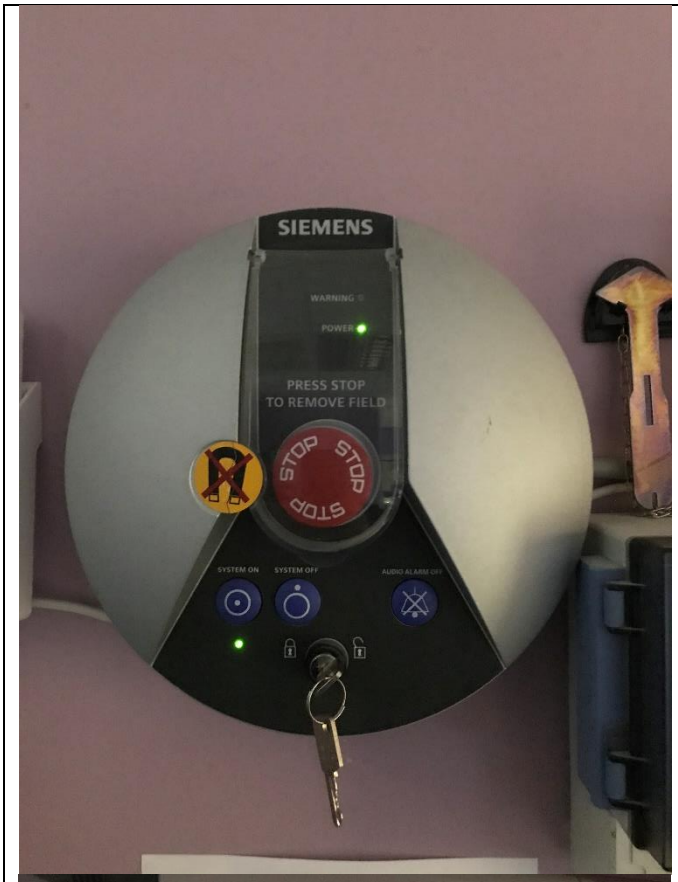

STOP
SIEMENS

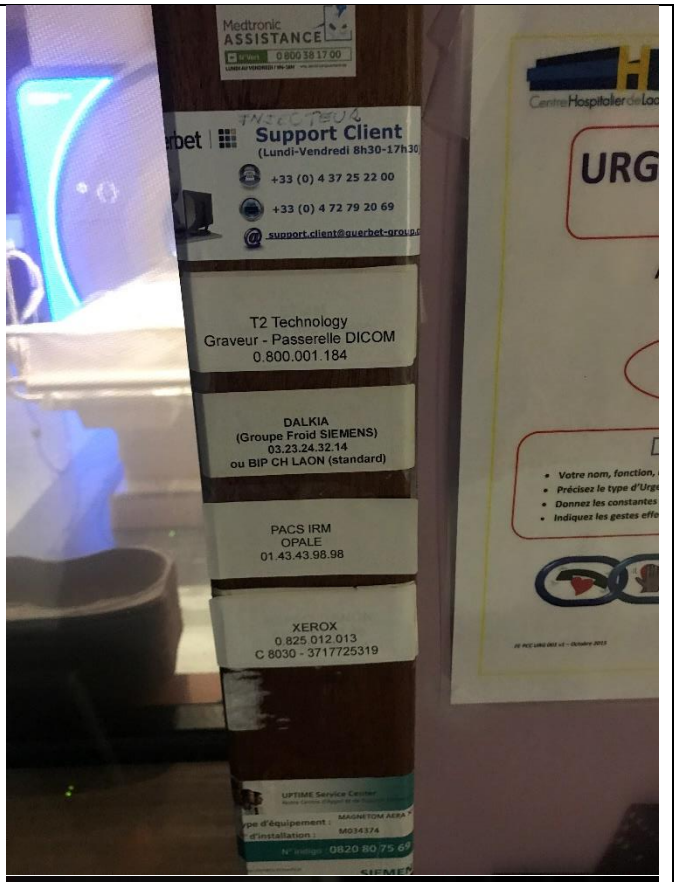








SIEMENS
WARNING
POWER
PRESS STOP
TO REMOVE FIELD
STOP
SYSTEM ON
SYSTEM OFF
AUDIO ALARM OFF


Medtronic
ASSISTANCE
Support Client
(Lundi-Vendredi 8h30-17h30)
+33 (0) 4 37 25 22 00
+33 (0) 4 72 79 20 69
T2 Technology
Graveur - Passerelle DICOM
0.800.001.184
DALKIA
(Groupe Froid SIEMENS)
03.23.24.32.14
ou BIP CH LAON (standard)
PACS IRM
OPALE
01.43.43.98.98
XEROX
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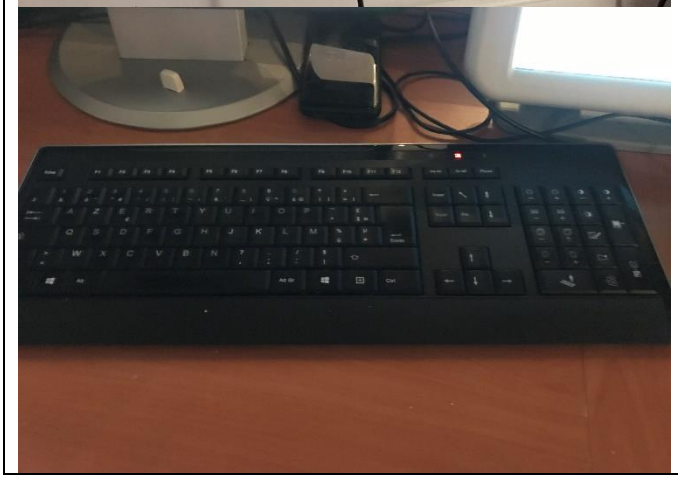
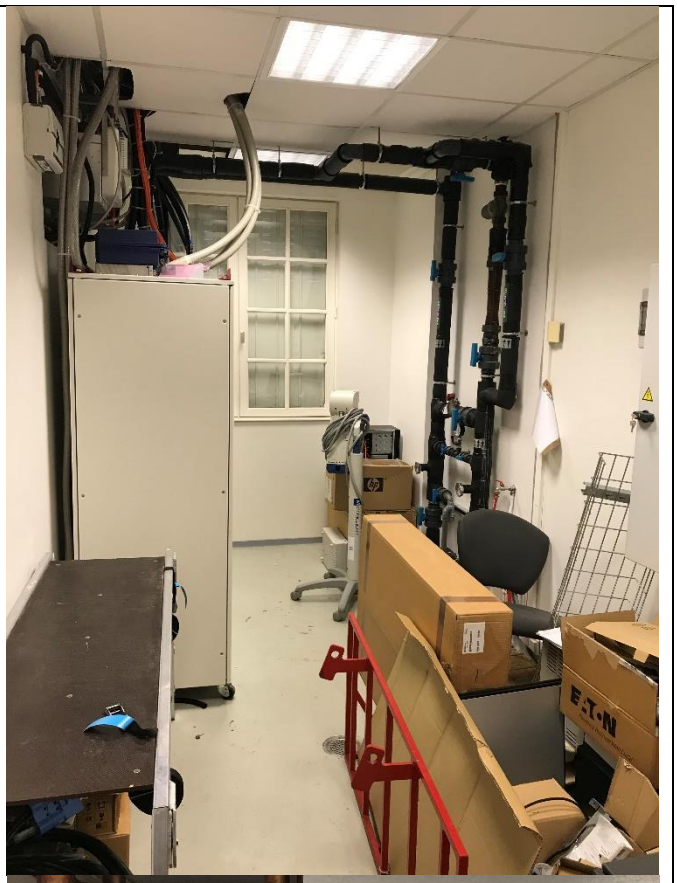
URG




HPMED52 Rev. 00
(1P) Model No. 10928173
(S) Serial No. CZC528126K
lf Declaration-Conforming to IS 13252

Cabinets

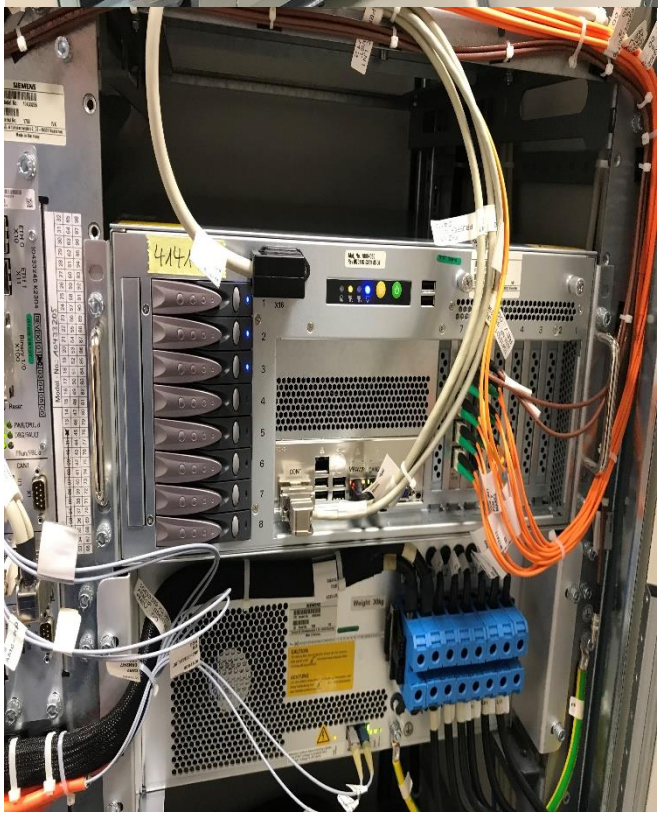



Simon Hegele
Karlsruhe
e-chronopost


CAUTION!
CAUTION!
CAUTION!


CAUTION!
Do not operate device unnecessarily!
ACHTUNG
CAUTION
ATTENTION
ATENCION


DANGER !
HIGH VOLTAGE ! DUAL SUPPLIES !


SIEMENS


SIEMENS
(1P) MODEL 10864050
(S) SERIAL 1777 IVK
Siemens AG, Wittelsbacherplatz 2, DE-80333 Muenchen
Made in Germany
7 6 5 4

KEEP PRESSURE SYSTEMS SAFE
BS-B

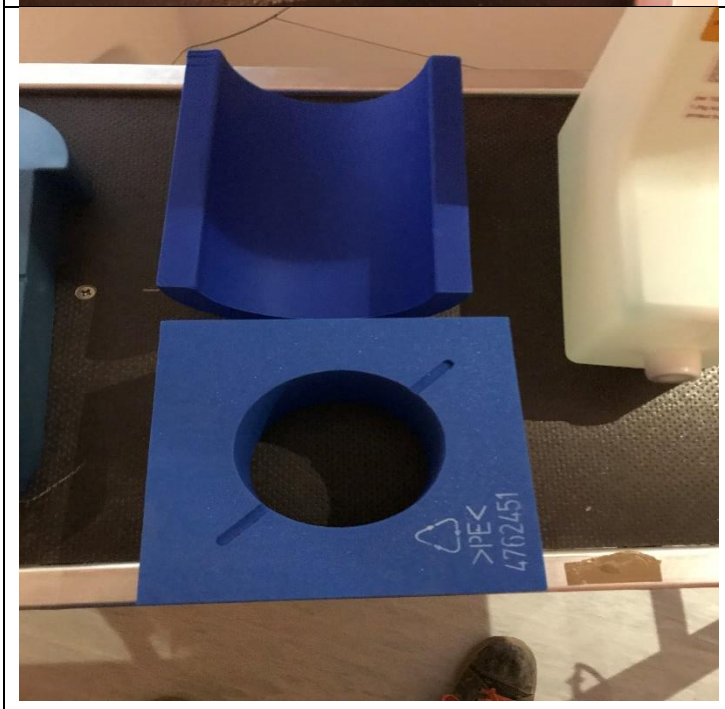
KIT 10128234
OR98 Spares Kit
10100768 M5X12 SLT CH BR 1
10100775 M5 Washer Brass 1
8543241 Spares Kit Box 1
10113277 Hose Nut 1/2" 1
10113279 Hose Nut 1" 1
3108094 Copper Seal 3
10122816 RM1045-30SIL 2
10614121 Helicoflex Seal 1
10128499 Vent Blank 1
10128492 Gasket 1
10127828 Gasket 1
10614119 Helicoflex Seal 1
10128723 Elbow 3
10113272 1/2 Fibre Wsh 3
10113273 1 Fibre Wsh 4
10113275 1/2 Split Ring 4
10113276 1 Split Ring

SIEMENS
ITEM: Set of protection rails
ORIGINAL

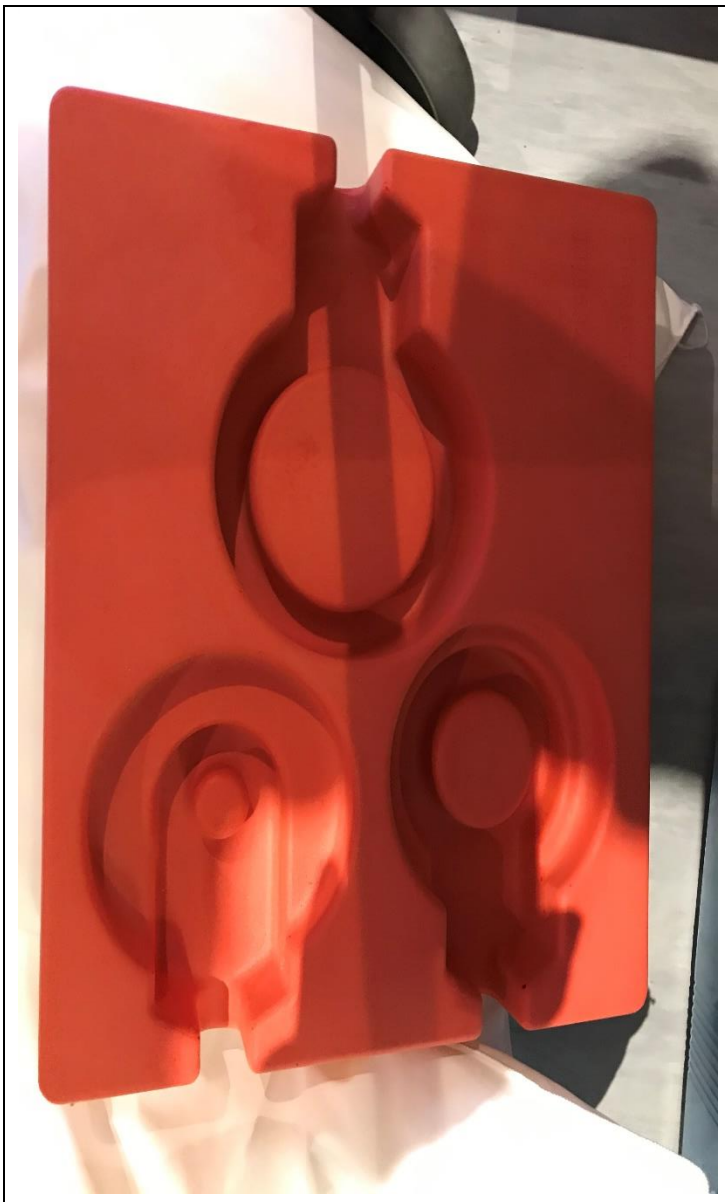
OV AIR – SEA BOLTED
FREIGHT ADAPTOR ASSY
10128742EZG

SMT
Kit No: 10109112
CARTON WEIGHT = 21kgs
Stephens Gaskets Limited

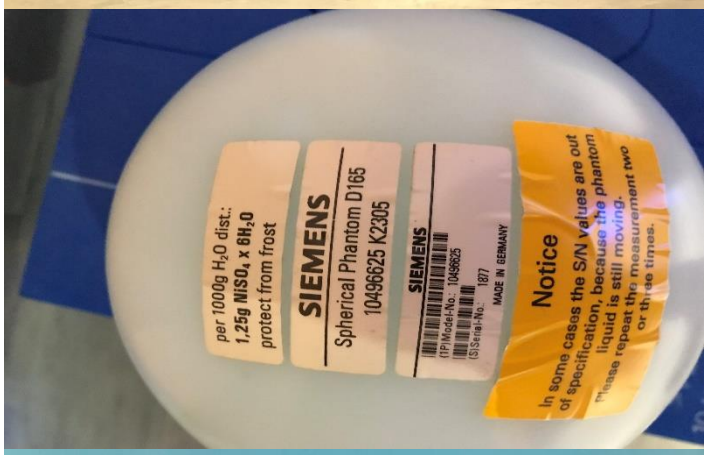
Accessories

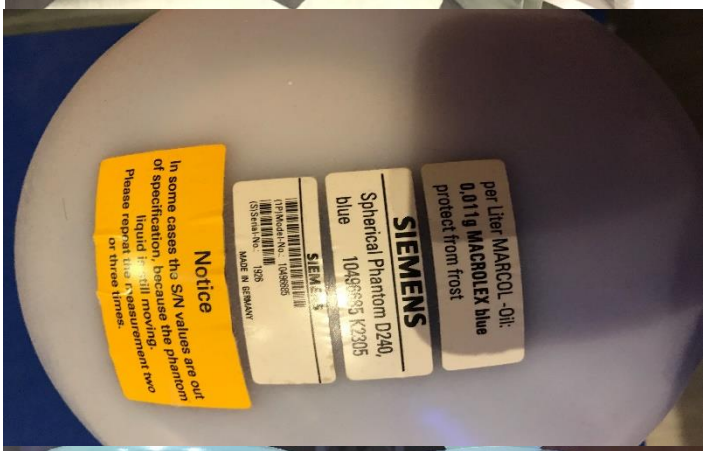

>PE<
47102451

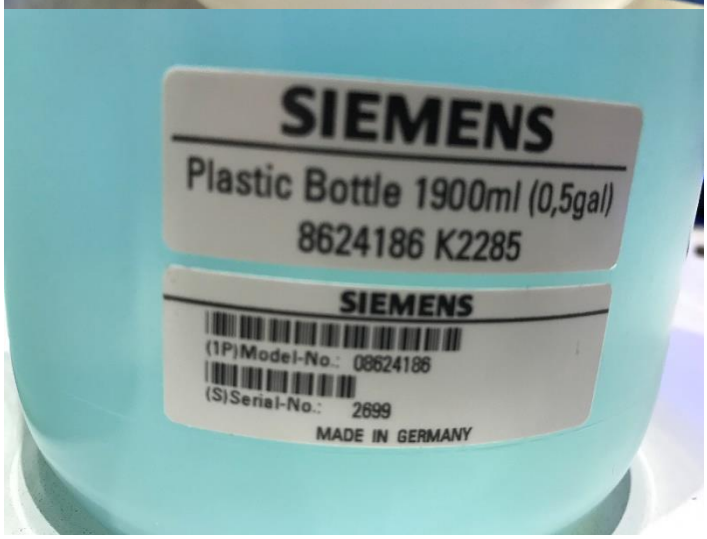

Arm Rest




FEET

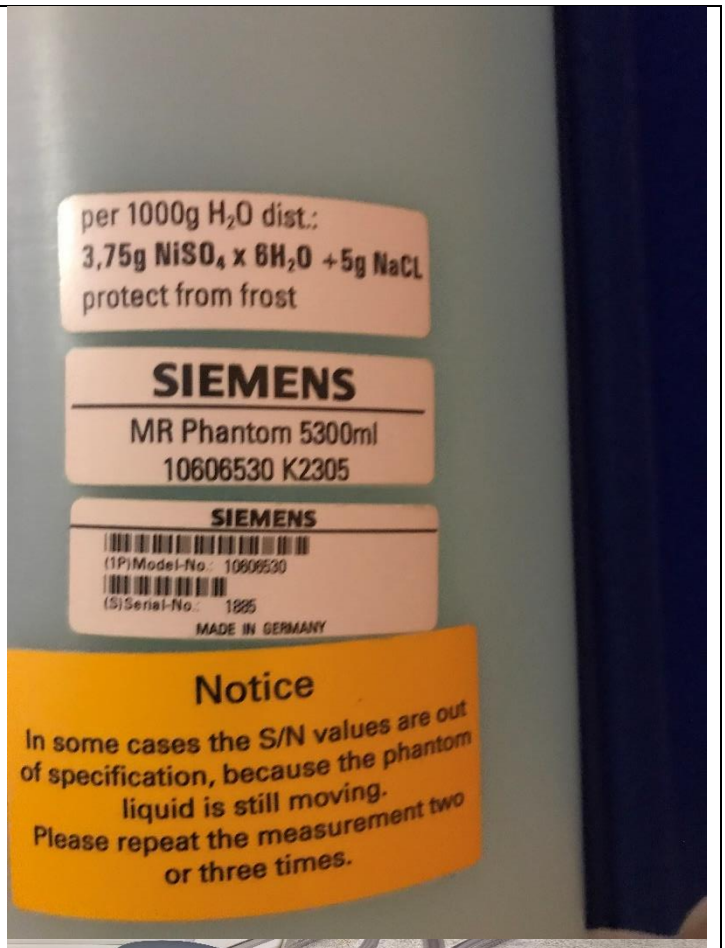

per 1000g H_2O dist.:
1,25g $NiSO_4 \times 6H_2O$
protect from frost
SIEMENS
Spherical Phantom D165
10496625 K2305
SIEMENS
(1P)Model-No.: 10496625
(S)Serial-No.: 1977
MADE IN GERMANY
Notice
In some cases the S/N values are out of specification, because the phantom liquid is still moving.
Please repeat the measurement two or three times.

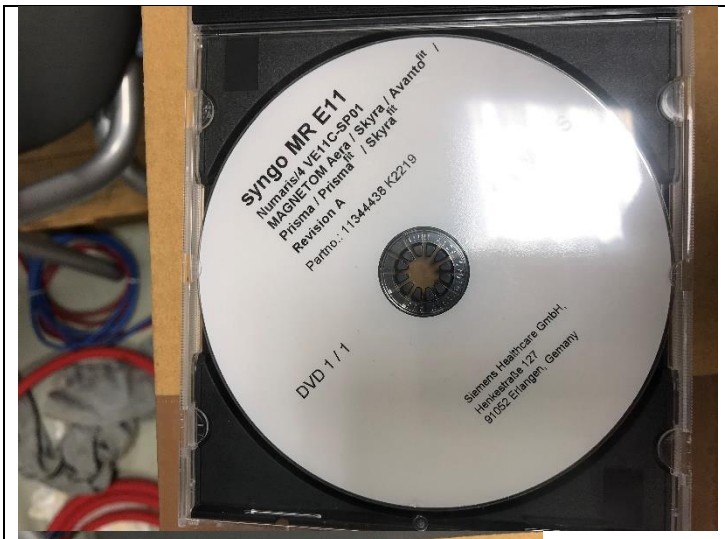

Notice
In some cases the S/N values are out of specification, because the phantom liquid is still moving.
Please repeat the measurement two or three times.
SIEMENS
Spherical Phantom D240,
blue
10496625 K2305
per Liter MARCOL -Oil:
0,011g MACROLEX blue
protect from frost
MADE IN GERMANY

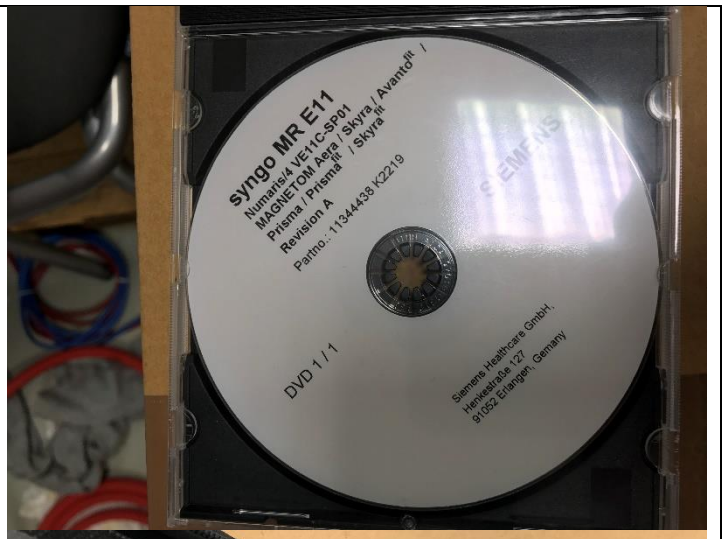

SIEMENS
Plastic Bottle 1900ml (0,5gal)
8624186 K2285
SIEMENS
(1P)Model-No.: 08624186
(S)Serial-No.: 2699
MADE IN GERMANY


per 1000g H_2O dist.:
3,75g $NiSO_4 \times 6H_2O$ +5g NaCl
protect from frost
Refilled with distilled water
Date: Date:
Date: Date:
Date: Date:
Notice
In some cases the S/N values are out of specification, because the phanton liquid is still moving.
Please repeat the measurement two or three times.
SIEMENS
Plastic Bottle 1900ml (0,5gal)
8624186 K2285
per 1000g H_2O dist.:
3,75g $NiSO_4 \times 6H_2O$ +5g NaCl
protect from frost
Refilled with distilled water
Date: Date:
Date: Date:
Date: Date:
Notice
In some cases the S/N values are out of specification, because the phantom liquid is still moving.
Please repeat the measurement two or three times.
SIEMENS
Plastic Bottle 1900ml (0,5gal)
8624186 K2285


per 1000g H_2O dist.:
3,75g $NiSO_4$ x $6H_2O$ +5g NaCL
protect from frost
SIEMENS
MR Phantom 5300ml
10606530 K2305
SIEMENS
Notice
In some cases the S/N values are out of specification, because the phantom liquid is still moving.
Please repeat the measurement two or three times.


per 1000g H_2O dist.:
3,75g $NiSO_4$ x $6H_2O$ +5g NaCL
protect from frost
SIEMENS
MR Phantom 5300ml
10606530 K2305
SIEMENS
(1P)Model-No.: 10606530
(S)Serial-No.: 1885
MADE IN GERMANY
Notice
In some cases the S/N values are out of specification, because the phantom liquid is still moving.
Please repeat the measurement two or three times.


syngo MR E11
Numaris/4 VE11C-SP01
MAGNETOM Aera / Skyra / Avanto^fit /
Prisma / Prisma^fit / Skyra^fit
Revision A
Partno.: 11344438 K2219
DVD 1 / 1
Siemens Healthcare GmbH,
Henkestraße 127
91052 Erlangen, Germany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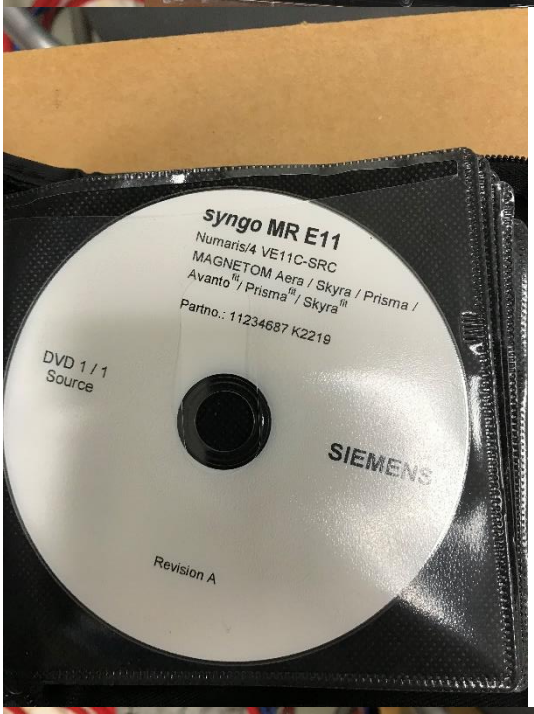
Numaris/4 VE11C-SP01
MAGNETOM Aera / Skyra / Avanto^fit /
Prisma / Prisma^fit / Skyra^fit
Revision A
Partno.: 11344438 K2219
DVD 1 / 1
Siemens Healthcare GmbH,
Henkestraße 127
91052 Erlangen, Germany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Numaris/4 VE11C-SRC
MAGNETOM Aera / Skyra / Prisma /
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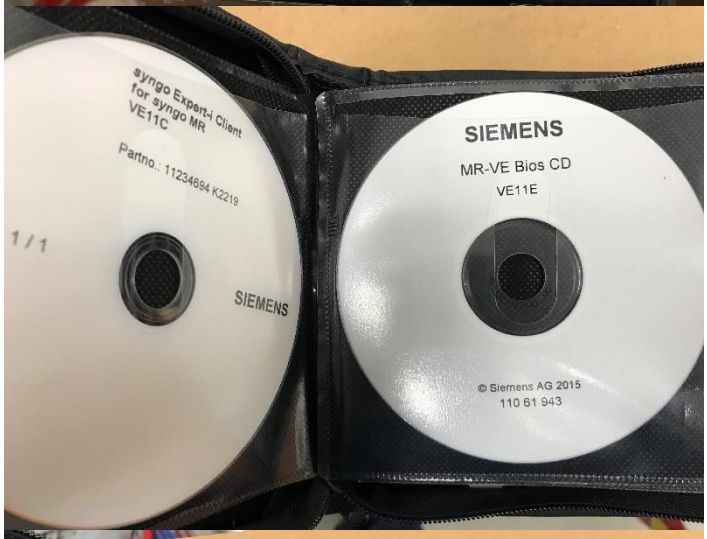
Partno.: 11234687 K2219
DVD 1 / 1
Source
SIEMENS
Revision A


syngo Expert-i Client
for syngo MR
VE11C
Partno.: 11234694 K2219
1 / 1
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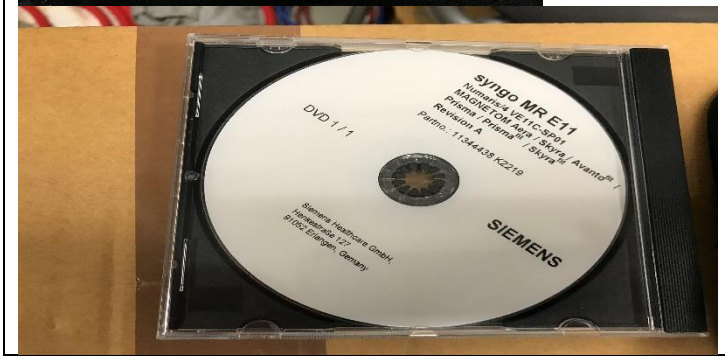
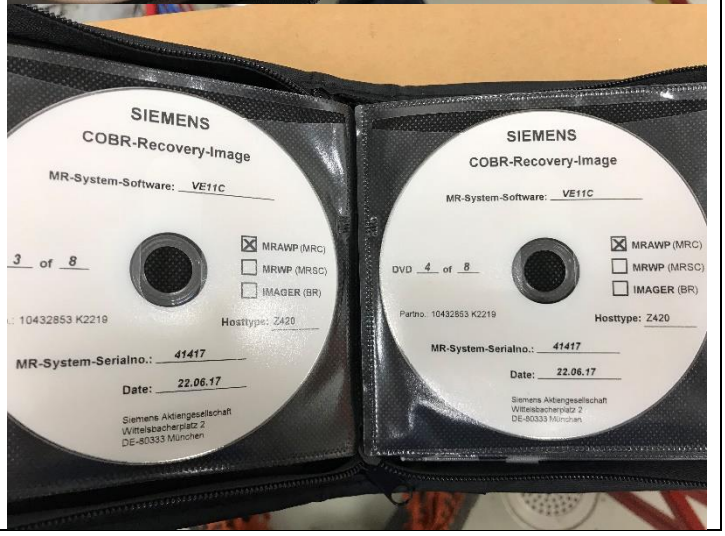
MR-VE Bios CD
VE11E
© Siemens AG 2015
110 61 943


syngo MR E11
Numaris/4 VE11C-SP01
MAGNETOM Aera / Skyra / Avanto^fit /
Prisma / Prisma^fit / Skyra^fit
Revision A
Partno.: 11344438 K2219
DVD 1 / 1
Siemens Healthcare GmbH,
Henkestraße 127
91052 Erlangen, Germany
SIEMENS


SIEMENS
COBR-Recovery-Image
MR-System-Software: VE11C
3 of 8
MRAWP (MRC)
MRWP (MRSC)
IMAGER (BR)
Partno.: 10432853 K2219
Hosttype: Z420
MR-System-Serialno.: 41417
Date: 22.06.17
Siemens Aktiengesellschaft
Wittelsbacherplatz 2
DE-80333 München
SIEMENS
COBR-Recovery-Image
MR-System-Software: VE11C
DVD 4 of 8
MRAWP (MRC)
MRWP (MRSC)
IMAGER (BR)
Partno.: 10432853 K2219
Hosttype: Z420
MR-System-Serialno.: 41417
Date: 22.06.17
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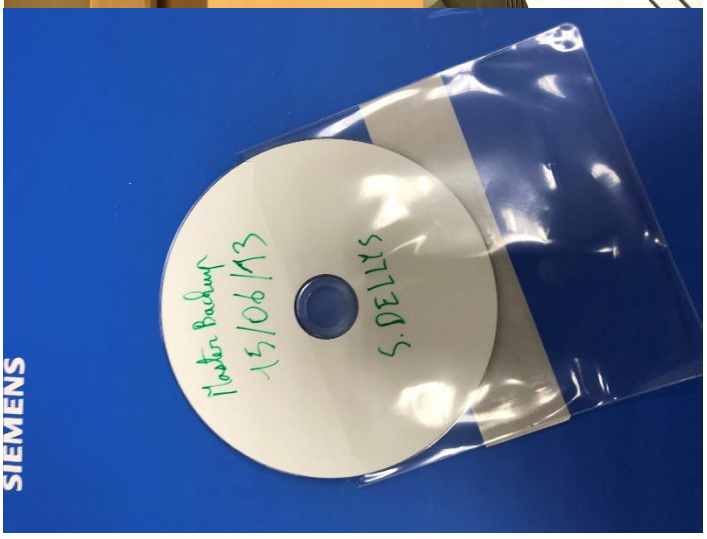
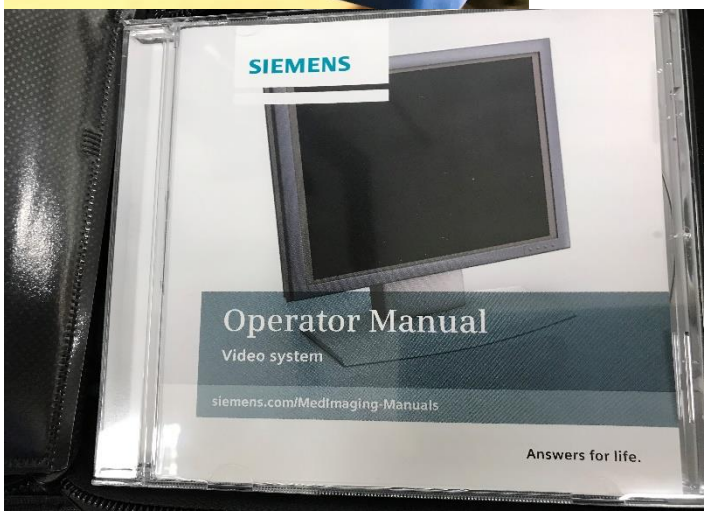
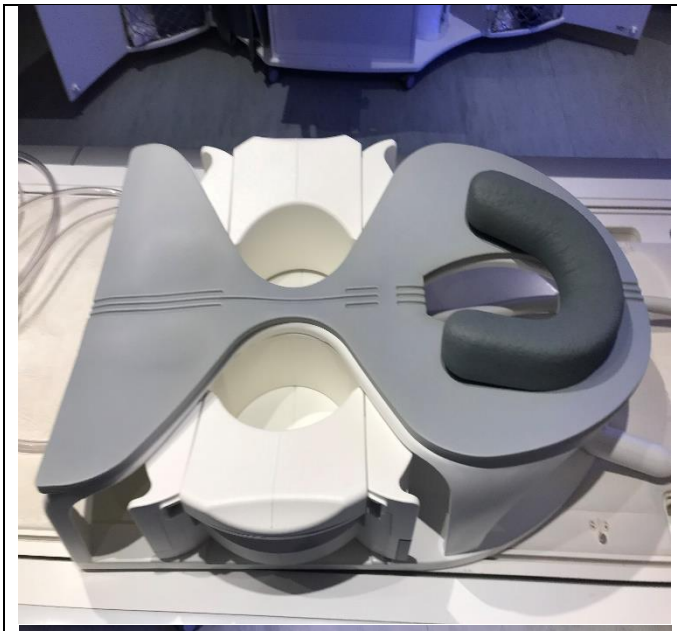
Healthcare Sector


SIEMENS
Master Backup
15/08/13
SYNGO


SIEMENS
Operator Manual
Video system
siemens.com/MedImaging-Manuals
Answers for life.

Coils

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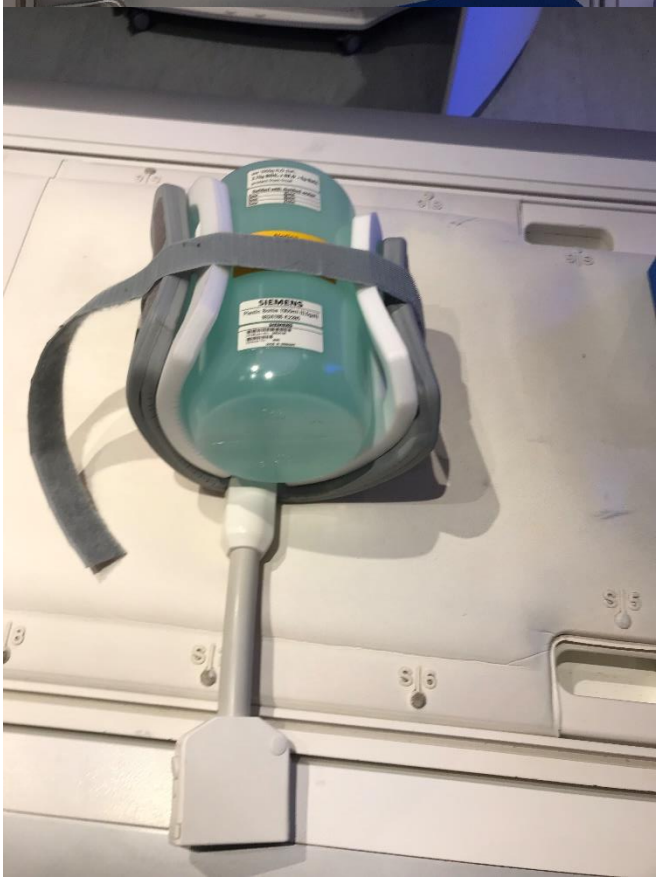
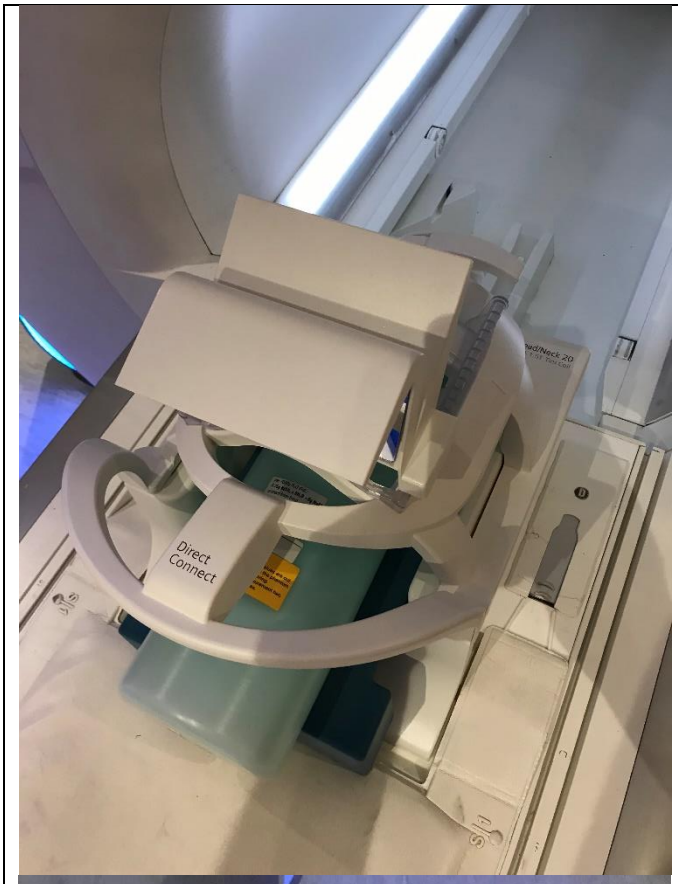
Flex Large 4
A 1.5T Tim Coil
SIEMENS


Flex Large 4
A 1.5T Tim Coil
SIEMENS

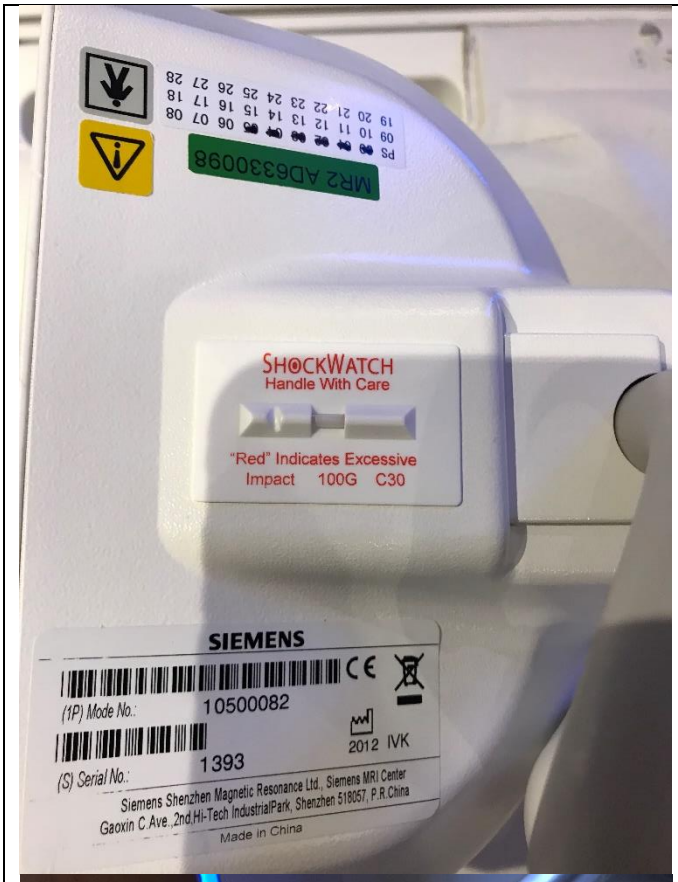

SIEMENS


Direct
Connect


Direct
Connect


SIEMENS
Shoulder Small 16
A 1.5T Tim Coil


SIEMENS
Shoulder Large 16
A 1.5T Tim Coil

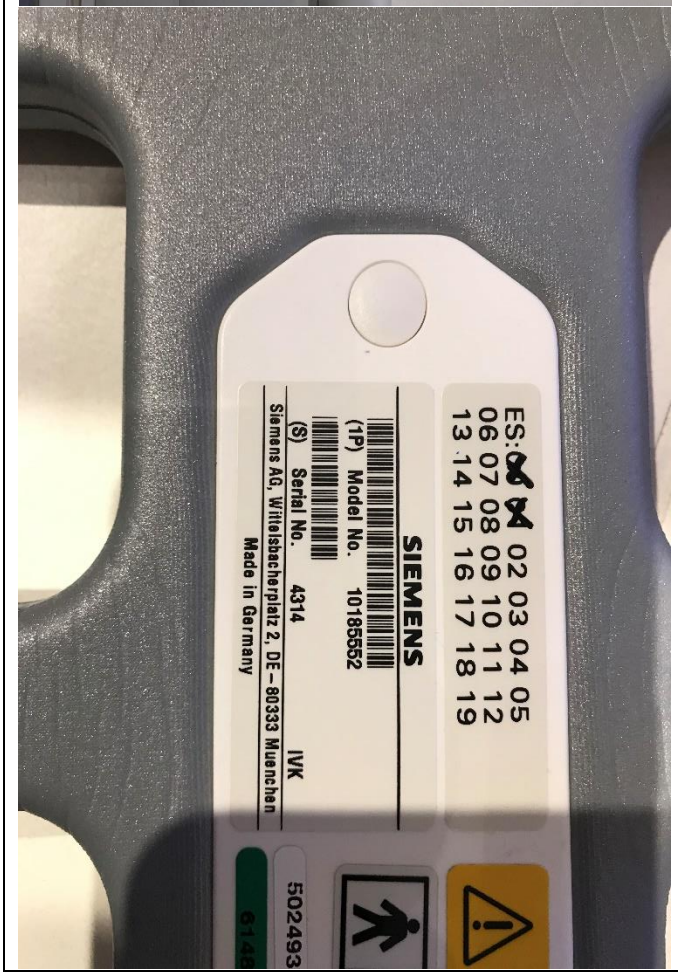

SHOCKWATCH
Handle With Care
"Red" Indicates Excessive
Impact 100G C30
SIEMENS
(1P) Mode No.: 10500082
(S) Serial No.: 1393
2012 IVK
Siemens Shenzhen Magnetic Resonance Ltd., Siemens MRI Center
Gaoxin C Ave. 2nd Hi-Tech IndustrialPark, Shenzhen 518057, P.R.China
Made in China


QED
TxRx 15 Ch Knee Coil 1.5T

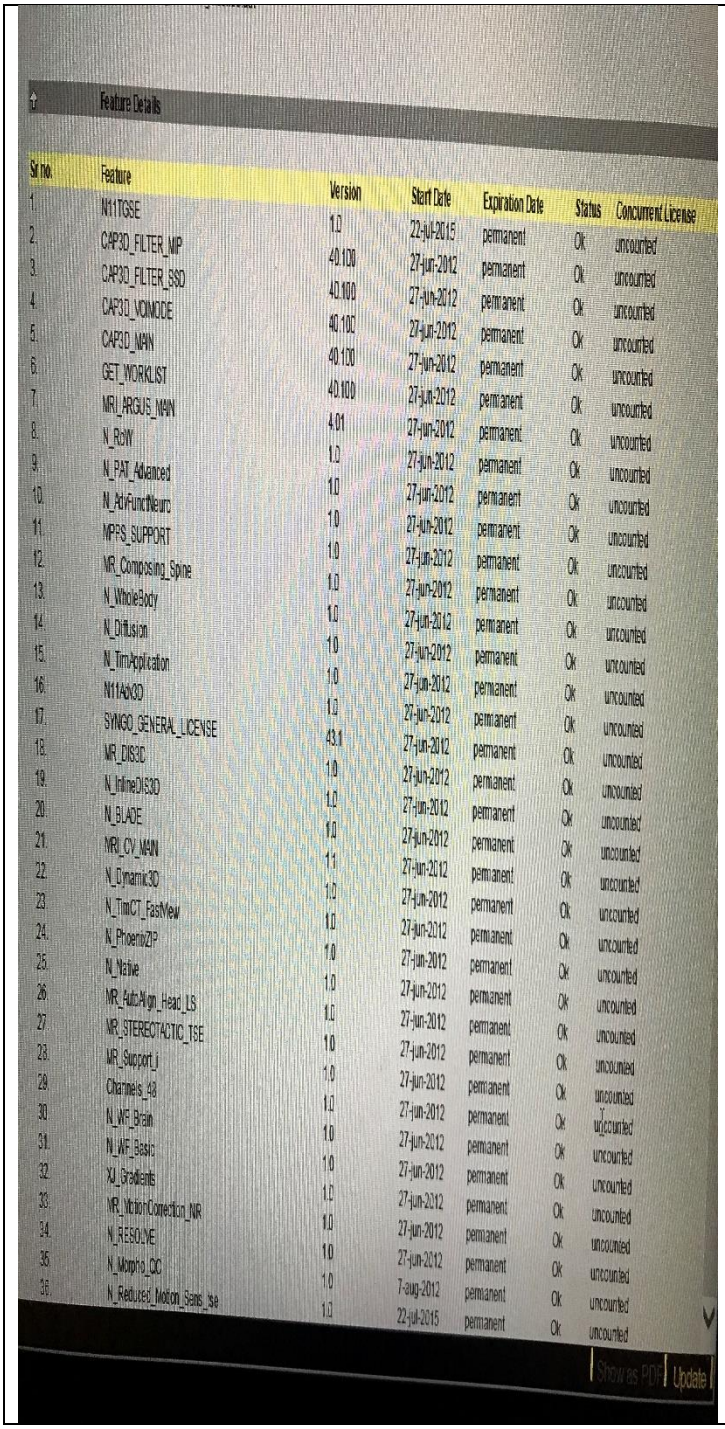

HEAD FIRST


HEAD FIRST


SIEMENS
(1P) Model No. 10496544
(S) Serial No. 1823
IVK
Siemens AG, Wittelsbacherplatz 2, DE-80333 Muenchen
Made in Germany
6130013
152132



System Options and licenses



Feature Details

Sr no.	Feature	Version	Start Date	Expiration Date	Status	Concurrent License
1.	N11TGSE	1.0	22-jul-2015	permanent	Ok	uncounted
2.	CAP3D_FILTER_MIP	40.100	27-jun-2012	permanent	Ok	uncounted
3.	CAP3D_FILTER_SSD	40.100	27-jun-2012	permanent	Ok	uncounted
4.	CAP3D_VOIMODE	40.100	27-jun-2012	permanent	Ok	uncounted
5.	CAP3D_MAIN	40.100	27-jun-2012	permanent	Ok	uncounted
6.	GET_WORKLIST	40.100	27-jun-2012	permanent	Ok	uncounted
7.	MRI_ARGUS_MAIN	4.01	27-jun-2012	permanent	Ok	uncounted
8.	N_RoW	1.0	27-jun-2012	permanent	Ok	uncounted
9.	N_PAT_Advanced	1.0	27-jun-2012	permanent	Ok	uncounted
10.	N_AdvFunctNeuro	1.0	27-jun-2012	permanent	Ok	uncounted
11.	MPPS_SUPPORT	1.0	27-jun-2012	permanent	Ok	uncounted
12.	MR_Composing_Spine	1.0	27-jun-2012	permanent	Ok	uncounted
13.	N_WholeBody	1.0	27-jun-2012	permanent	Ok	uncounted
14.	N_Diffusion	1.0	27-jun-2012	permanent	Ok	uncounted
15.	N_TimApplication	1.0	27-jun-2012	permanent	Ok	uncounted
16.	N11Adv3D	1.0	27-jun-2012	permanent	Ok	uncounted
17.	SYNGO_GENERAL_LICENSE	43.1	27-jun-2012	permanent	Ok	uncounted
18.	MR_DIS3D	1.0	27-jun-2012	permanent	Ok	uncounted
19.	N_InlineDIS3D	1.0	27-jun-2012	permanent	Ok	uncounted
20.	N_BLADE	1.0	27-jun-2012	permanent	Ok	uncounted
21.	MRI_CV_MAIN	1.1	27-jun-2012	permanent	Ok	uncounted
22.	N_Dynamic3D	1.0	27-jun-2012	permanent	Ok	uncounted
23.	N_TimCT_FastView	1.0	27-jun-2012	permanent	Ok	uncounted
24.	N_PhoenixZIP	1.0	27-jun-2012	permanent	Ok	uncounted
25.	N_Native	1.0	27-jun-2012	permanent	Ok	uncounted
26.	MR_AutoAlign_Head_LS	1.0	27-jun-2012	permanent	Ok	uncounted
27.	MR_STEREOTACTIC_TSE	1.0	27-jun-2012	permanent	Ok	uncounted
28.	MR_Support_I	1.0	27-jun-2012	permanent	Ok	uncounted
29.	Channels_48	1.0	27-jun-2012	permanent	Ok	uncounted
30.	N_WF_Brain	1.0	27-jun-2012	permanent	Ok	uncounted
31.	N_WF_Basic	1.0	27-jun-2012	permanent	Ok	uncounted
32.	XA_Gradients	1.0	27-jun-2012	permanent	Ok	uncounted
33.	MR_MotionCorrection_NR	1.0	27-jun-2012	permanent	Ok	uncounted
34.	N_RESOLVE	1.0	27-jun-2012	permanent	Ok	uncounted
35.	N_Morphs_QC	1.0	7-aug-2012	permanent	Ok	uncounted
36.	N_Reduced_Motion_Sens_tse	1.0	22-jul-2015	permanent	Ok	uncounted

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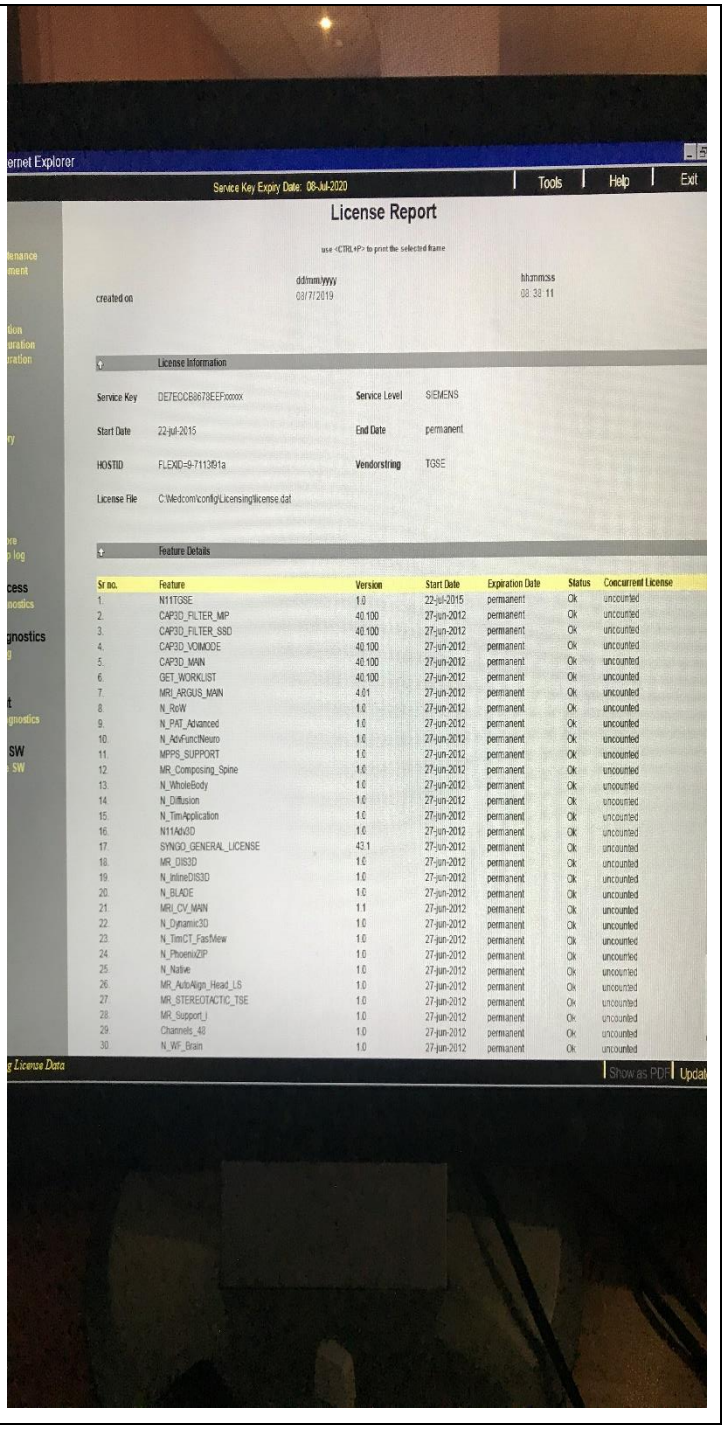


ernet Explorer

Service Key Expiry Date: 08-Jul-2020 | Tools | Help | Exit

License Report

use <CTRL+P> to print the selected frame

created on: dd/mm/yyyy 08/7/2019 | hh:mm:ss 08:38:11

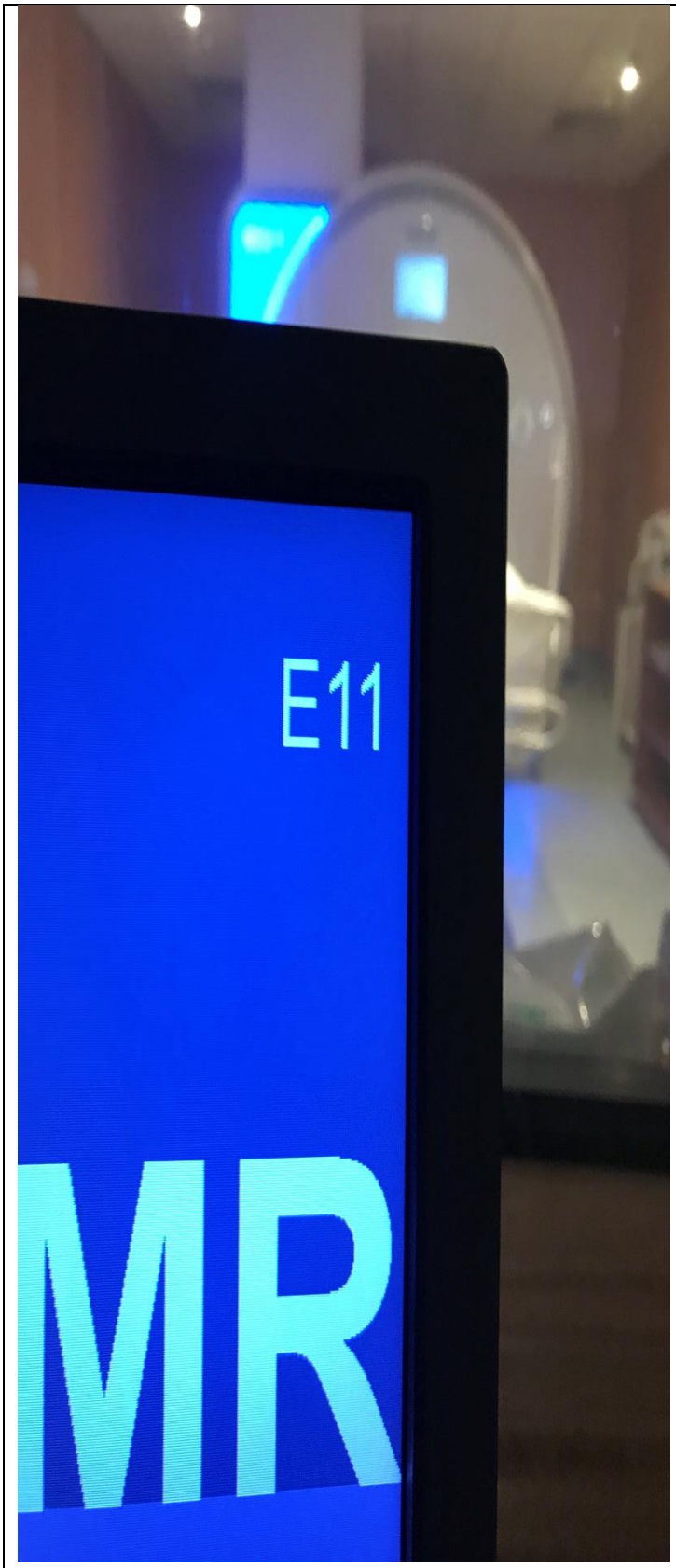
License Information

Service Key	DE7ECC68678EEFxxxxx	Service Level	SIEMENS
Start Date	22-jul-2015	End Date	permanent
HOSTID	FLEXID=9-7113f91a	Vendorstring	TGSE
License File	C:\Medcom\config\Licensing\license.dat		

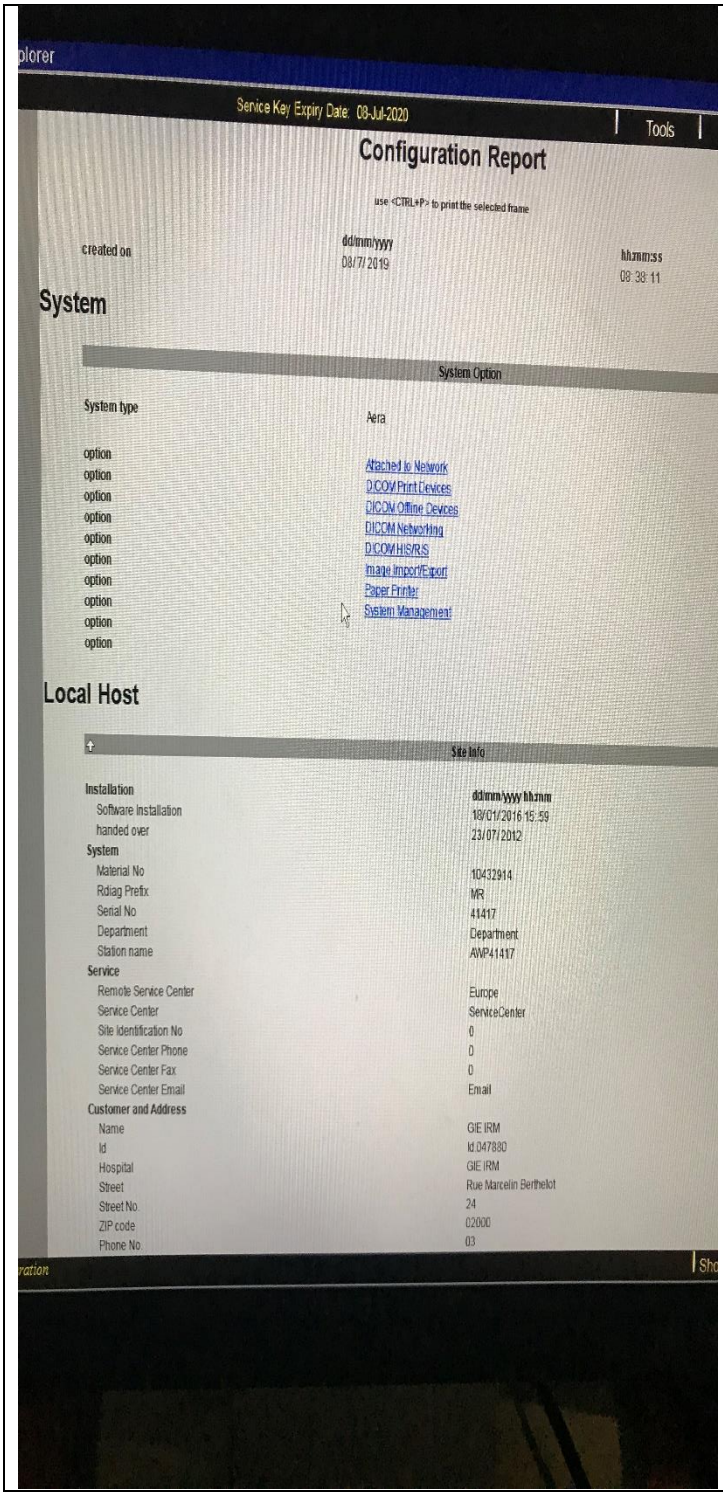
Feature Details

Sr no.	Feature	Version	Start Date	Expiration Date	Status	Concurrent License
1.	N11TGSE	1.0	22-jul-2015	permanent	Ok	uncounted
2.	CAP3D_FILTER_MIP	40.100	27-jun-2012	permanent	Ok	uncounted
3.	CAP3D_FILTER_SSD	40.100	27-jun-2012	permanent	Ok	uncounted
4.	CAP3D_VOIMODE	40.100	27-jun-2012	permanent	Ok	uncounted
5.	CAP3D_MAIN	40.100	27-jun-2012	permanent	Ok	uncounted
6.	GET_WORKLIST	40.100	27-jun-2012	permanent	Ok	uncounted
7.	MRI_ARGUS_MAIN	4.01	27-jun-2012	permanent	Ok	uncounted
8.	N_RoW	1.0	27-jun-2012	permanent	Ok	uncounted
9.	N_PAT_Advanced	1.0	27-jun-2012	permanent	Ok	uncounted
10.	N_AdvFunctNeuro	1.0	27-jun-2012	permanent	Ok	uncounted
11.	MPPS_SUPPORT	1.0	27-jun-2012	permanent	Ok	uncounted
12.	MR_Composing_Spine	1.0	27-jun-2012	permanent	Ok	uncounted
13.	N_WholeBody	1.0	27-jun-2012	permanent	Ok	uncounted
14.	N_Diffusion	1.0	27-jun-2012	permanent	Ok	uncounted
15.	N_TimApplication	1.0	27-jun-2012	permanent	Ok	uncounted
16.	N11Adv3D	1.0	27-jun-2012	permanent	Ok	uncounted
17.	SYNGO_GENERAL_LICENSE	43.1	27-jun-2012	permanent	Ok	uncounted
18.	MR_DIS3D	1.0	27-jun-2012	permanent	Ok	uncounted
19.	N_InlineDIS3D	1.0	27-jun-2012	permanent	Ok	uncounted
20.	N_BLADE	1.0	27-jun-2012	permanent	Ok	uncounted
21.	MRI_CV_MAIN	1.1	27-jun-2012	permanent	Ok	uncounted
22.	N_Dynamic3D	1.0	27-jun-2012	permanent	Ok	uncounted
23.	N_TimCT_FastView	1.0	27-jun-2012	permanent	Ok	uncounted
24.	N_PhoenixZIP	1.0	27-jun-2012	permanent	Ok	uncounted
25.	N_Native	1.0	27-jun-2012	permanent	Ok	uncounted
26.	MR_AutoAlign_Head_LS	1.0	27-jun-2012	permanent	Ok	uncounted
27.	MR_STEREOTACTIC_TSE	1.0	27-jun-2012	permanent	Ok	uncounted
28.	MR_Support_I	1.0	27-jun-2012	permanent	Ok	uncounted
29.	Channels_48	1.0	27-jun-2012	permanent	Ok	uncounted
30.	N_WF_Brain	1.0	27-jun-2012	permanent	Ok	uncounted

g License Data | Show as PDF | Update


E11
MR


E11
SIEMENS
syngo MR
syngo MR Acquisition Workplace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Configuration Report
use <CTRL+P> to print the selected frame
created on
dd/mm/yyyy
08/7/2019
hh:mm:ss
08:38:11
System
System Option
System type
Aera
option
Attached to Network
DICOM Print Devices
DICOM Offline Devices
DICOM Networking
DICOM HIS/RIS
Image Import/Export
Paper Printer
System Management
Local Host
Site Info
Installation
Software Installation
dd/mm/yyyy hh:mm
18/01/2016 15:59
handed over
23/07/2012
System
Material No
10432914
Rdiag Prefix
MR
Serial No
41417
Department
Department
Station name
AWP41417
Service
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Europe
Service Center
ServiceCenter
Site Identification No
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Service Center Fax
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Service Center Email
Email
Customer and Address
Name
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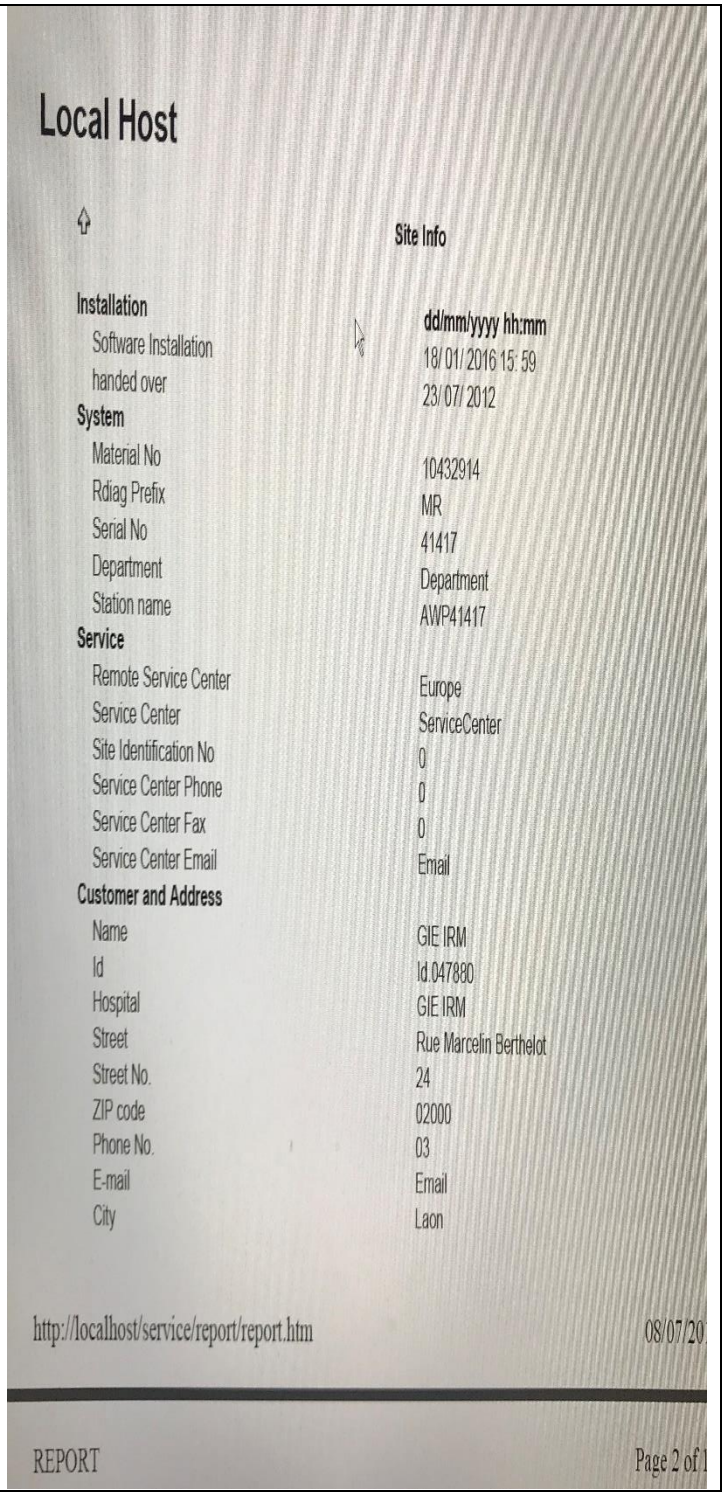
GIE IRM
Street
Rue Marcelin Berthelot
Street No.
24
ZIP code
02000
Phone No.
03


Local Host
Site Info
Installation
Software Installation
handed over
dd/mm/yyyy hh:mm
18/01/2016 15:59
23/07/2012
System
Material No
10432914
Rdiag Prefix
MR
Serial No
41417
Department
Department
Station name
AWP41417
Service
Remote Service Center
Europe
Service Center
ServiceCenter
Site Identification No
0
Service Center Phone
0
Service Center Fax
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Service Center Email
Email
Customer and Address
Name
GIE IRM
Id
Id.047880
Hospital
GIE IRM
Street
Rue Marcelin Berthelot
Street No.
24
ZIP code
02000
Phone No.
03
E-mail
Email
City
Laon
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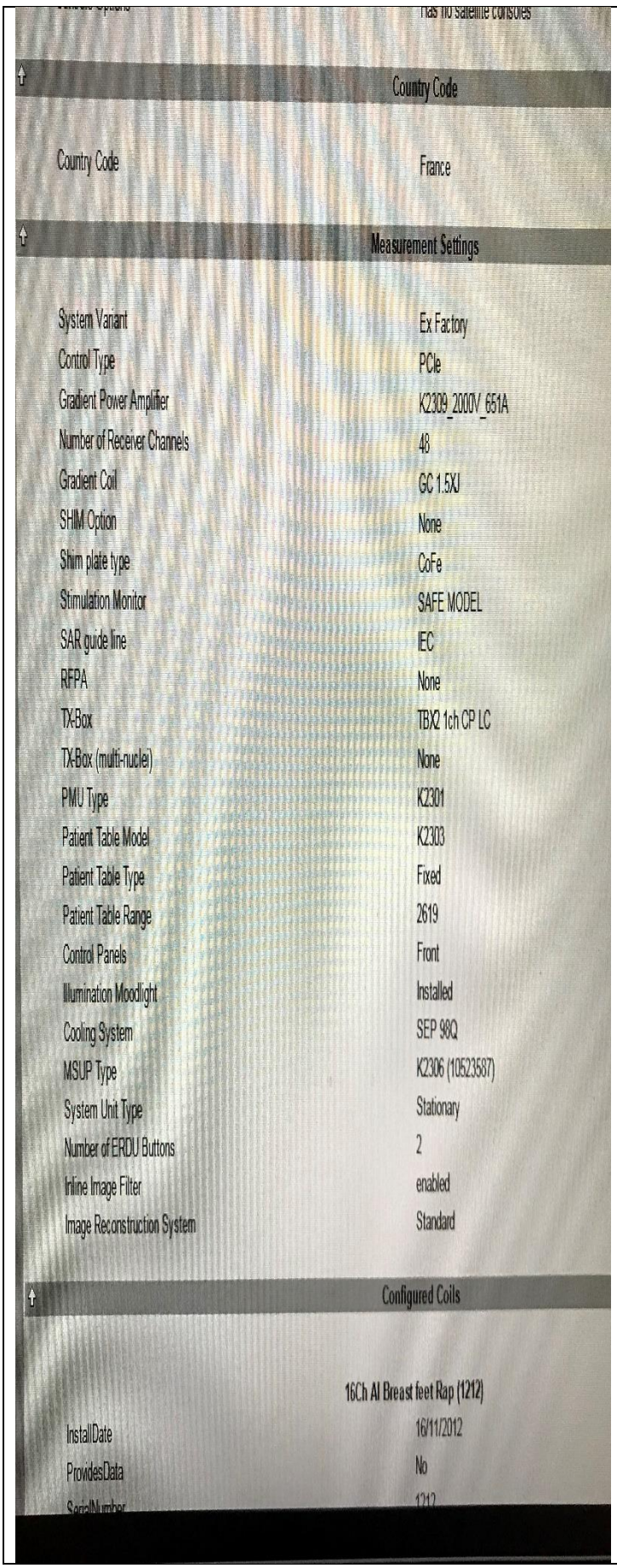
08/07/20
REPORT
Page 2 of



	Has no satellite consoles

Country Code

Country Code	France

Measurement Settings

System Variant	Ex Factory
Control Type	PCIe
Gradient Power Amplifier	K2309_2000V_651A
Number of Receiver Channels	48
Gradient Coil	GC 1.5XJ
SHIM Option	None
Shim plate type	CoFe
Stimulation Monitor	SAFE MODEL
SAR guide line	IEC
RFPA	None
TX-Box	TBX2 1ch CP LC
TX-Box (multi-nuclei)	None
PMU Type	K2301
Patient Table Model	K2303
Patient Table Type	Fixed
Patient Table Range	2619
Control Panels	Front
Illumination Moodlight	Installed
Cooling System	SEP 98Q
MSUP Type	K2306 (10523587)
System Unit Type	Stationary
Number of ERDU Buttons	2
Inline Image Filter	enabled
Image Reconstruction System	Standard

Configured Coils

	16Ch Al Breast feet Rap (1212)
InstallDate	16/11/2012
ProvidesData	No
SerialNumber	1212

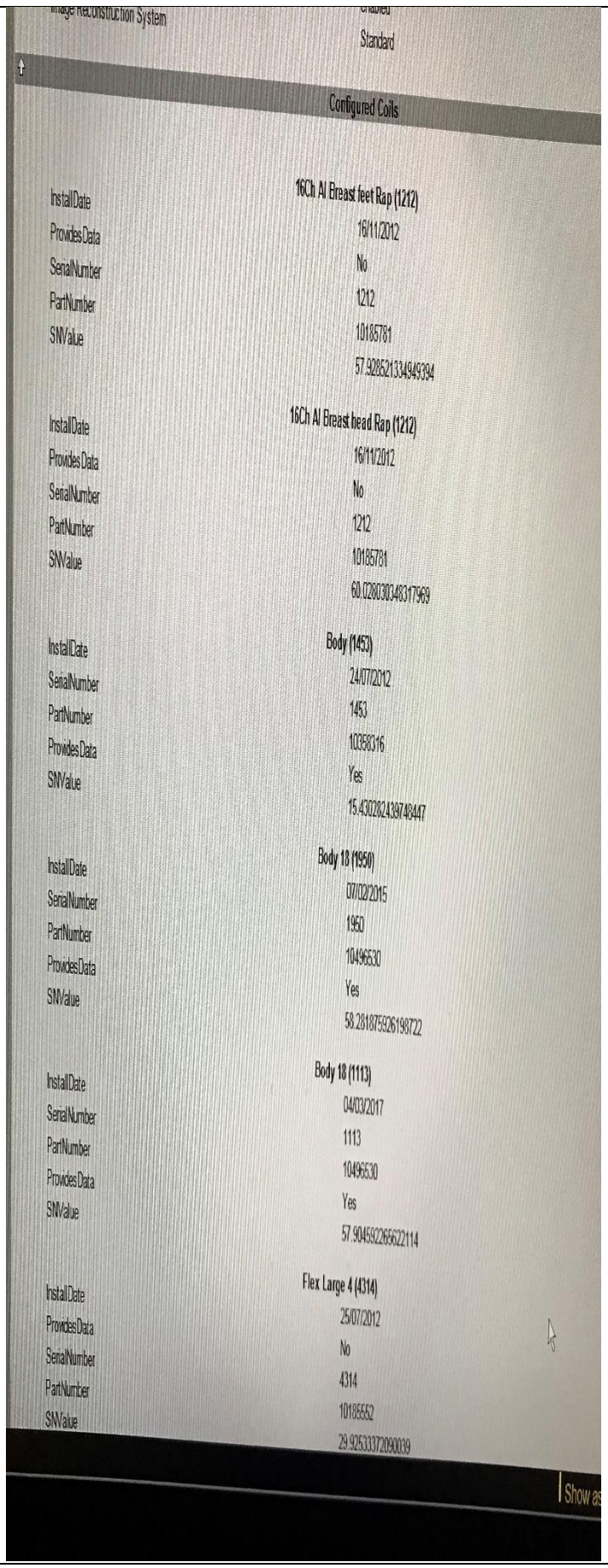
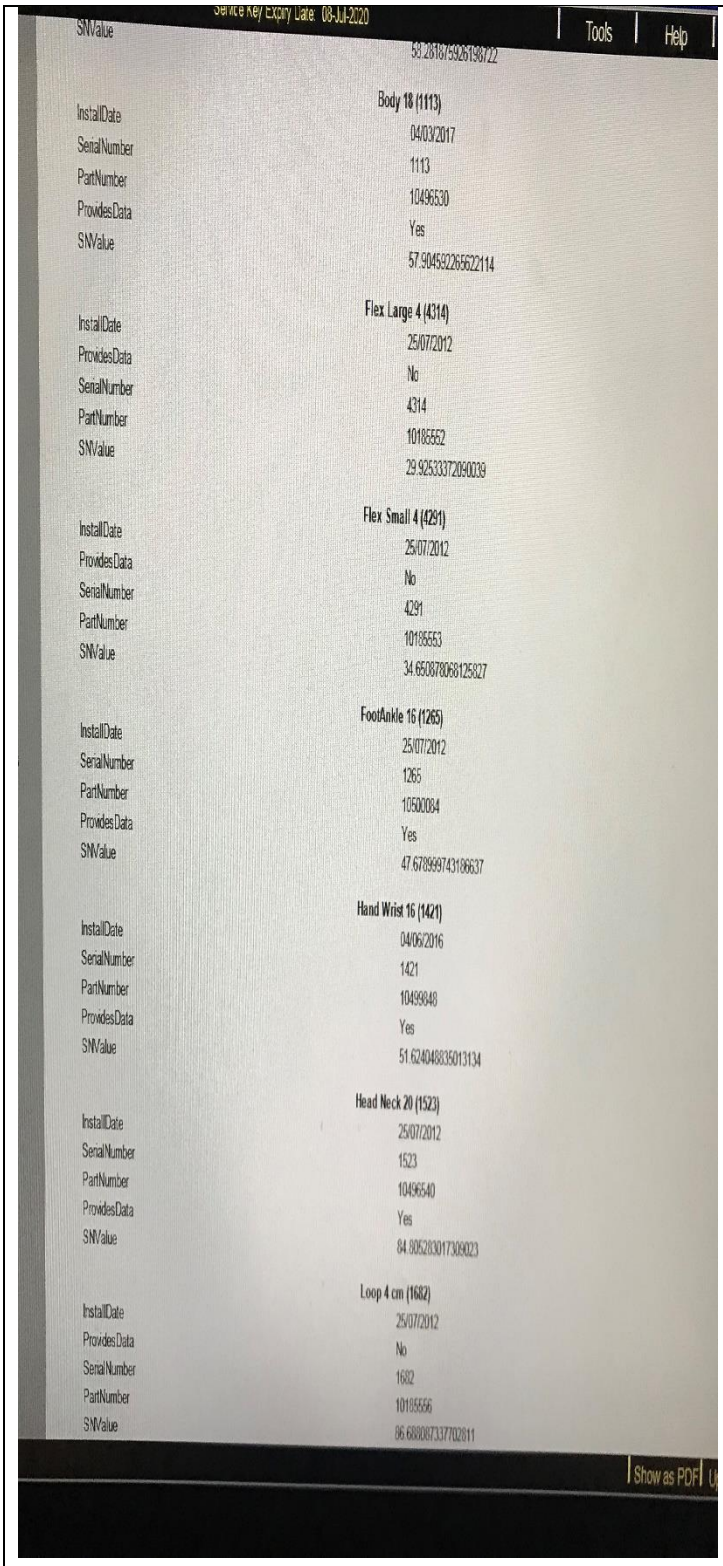


Image Reconstruction System	Standard

Configured Coils

	16Ch Al Breast feet Rap (1212)
InstallDate	16/11/2012
ProvidesData	No
SerialNumber	1212
PartNumber	10185781
SNValue	57.928521334949394
	16Ch Al Breast head Rap (1212)
InstallDate	16/11/2012
ProvidesData	No
SerialNumber	1212
PartNumber	10185781
SNValue	60.028030348317969
	Body (1453)
InstallDate	24/07/2012
SerialNumber	1453
PartNumber	10368316
ProvidesData	Yes
SNValue	15.430282439748447
	Body 18 (1950)
InstallDate	07/02/2015
SerialNumber	1950
PartNumber	10496530
ProvidesData	Yes
SNValue	58.281875926198722
	Body 18 (1113)
InstallDate	04/03/2017
SerialNumber	1113
PartNumber	10496530
ProvidesData	Yes
SNValue	57.904592265622114
	Flex Large 4 (4314)
InstallDate	25/07/2012
ProvidesData	No
SerialNumber	4314
PartNumber	10185552
SNValue	29.925333720900039

Show as


Service Key Expiry Date: 08-JUL-2020
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Help
SNValue
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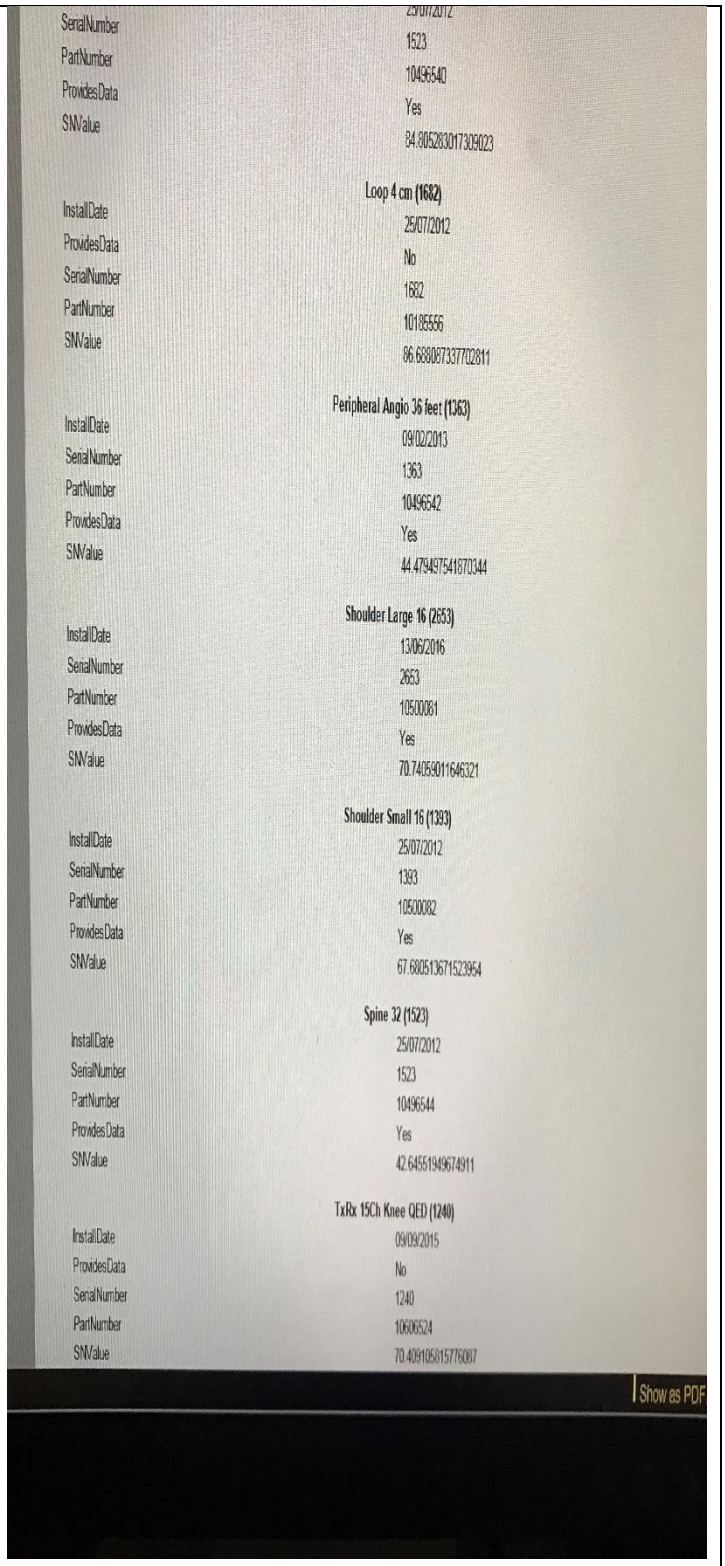
Body 18 (1113)
InstallDate 04/03/2017
SerialNumber 1113
PartNumber 10496530
ProvidesData Yes
SNValue 57.9045926562214
Flex Large 4 (4314)
InstallDate 25/07/2012
ProvidesData No
SerialNumber 4314
PartNumber 10186562
SNValue 29.92533372090039
Flex Small 4 (4291)
InstallDate 25/07/2012
ProvidesData No
SerialNumber 4291
PartNumber 10186553
SNValue 34.65087806125827
FootAnkle 16 (1265)
InstallDate 25/07/2012
SerialNumber 1265
PartNumber 10500084
ProvidesData Yes
SNValue 47.67899974318637
Hand Wrist 16 (1421)
InstallDate 04/06/2016
SerialNumber 1421
PartNumber 10499848
ProvidesData Yes
SNValue 51.62404883501314
Head Neck 20 (1523)
InstallDate 25/07/2012
SerialNumber 1523
PartNumber 10496540
ProvidesData Yes
SNValue 84.80528301730902
Loop 4 cm (1682)
InstallDate 25/07/2012
ProvidesData No
SerialNumber 1682
PartNumber 10186566
SNValue 86.68808733770281
Show as PDF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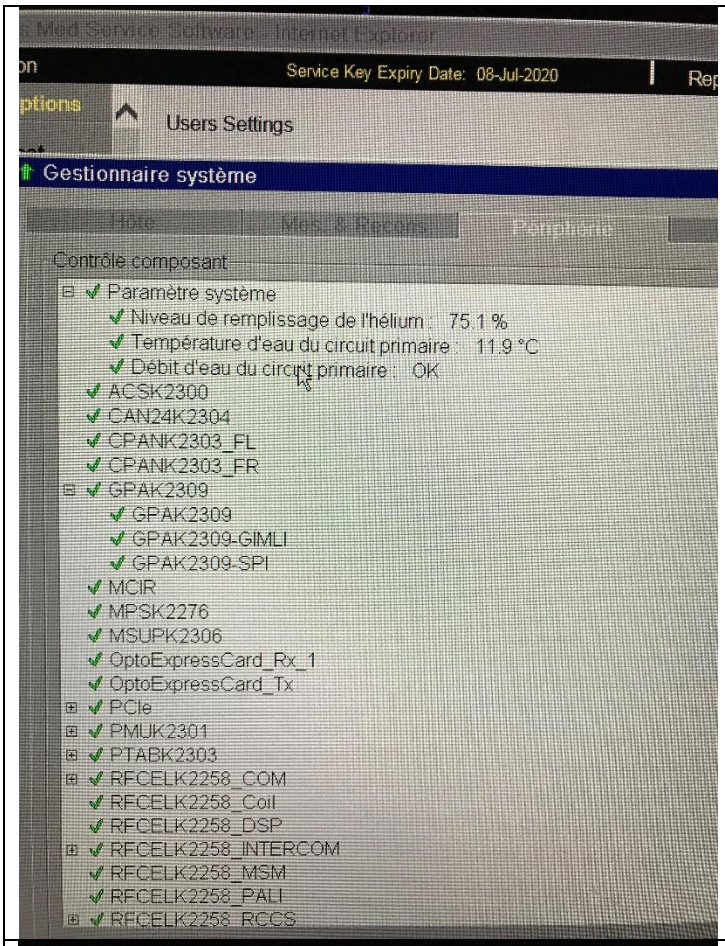
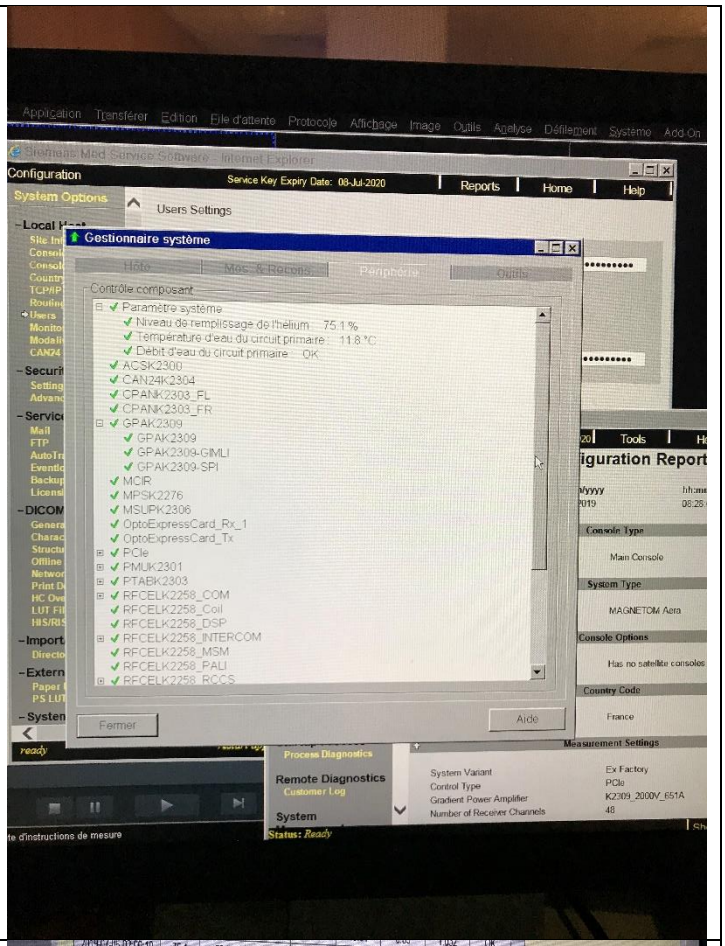
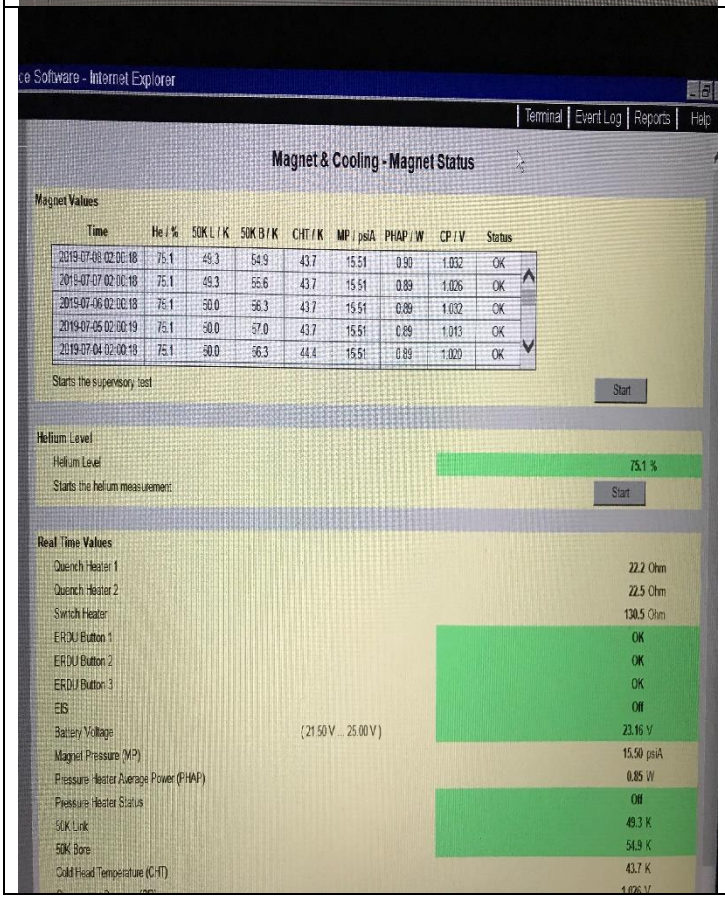
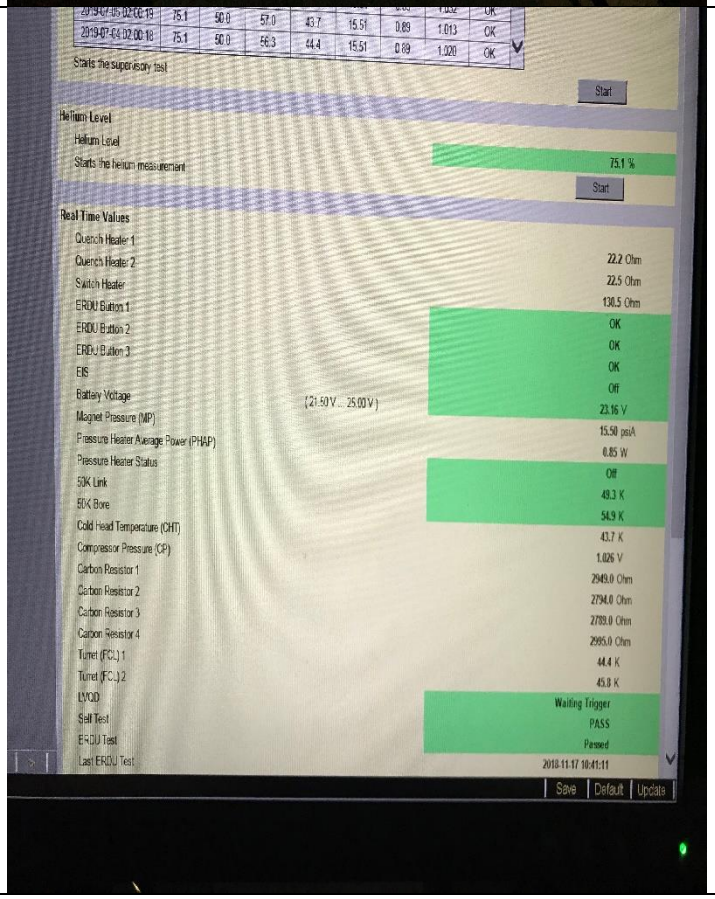
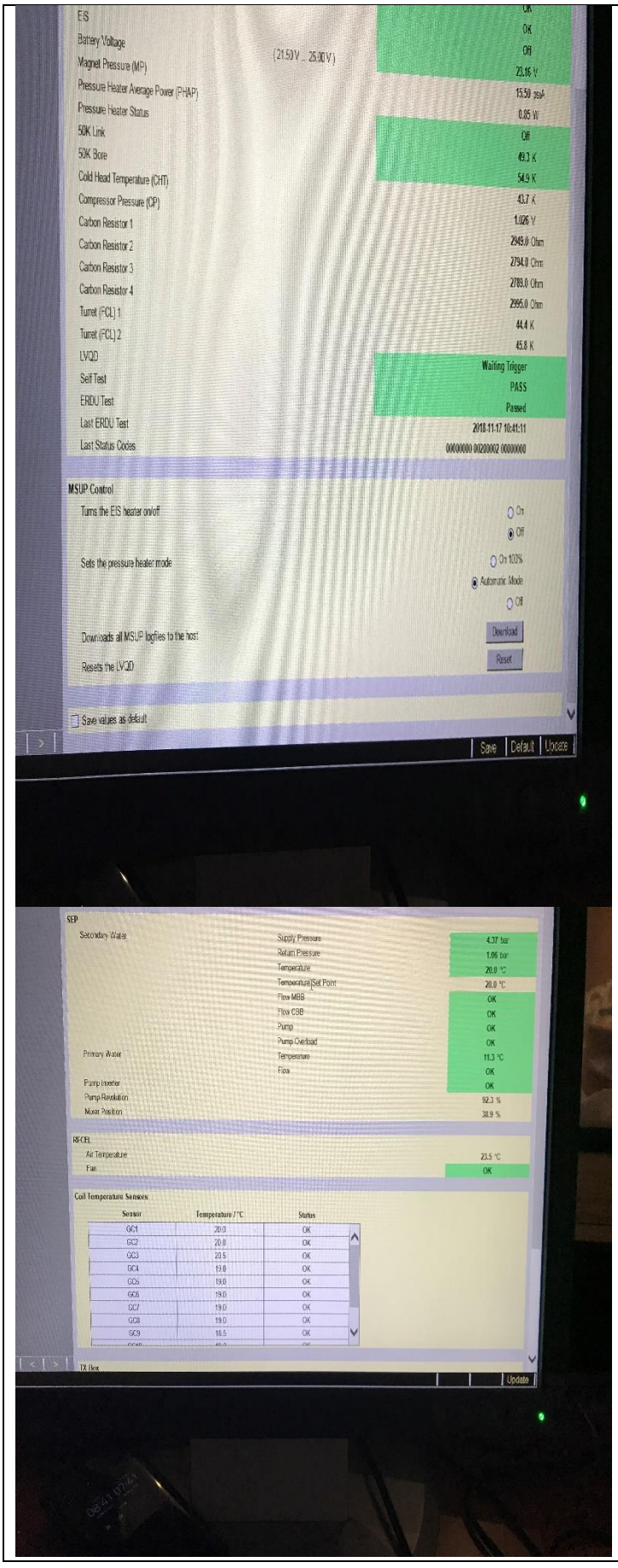
PartNumber 10496540
ProvidesData Yes
SNValue 84.80528301730902
Loop 4 cm (1682)
InstallDate 25/07/2012
ProvidesData No
SerialNumber 1682
PartNumber 10186566
SNValue 86.68808733770281
Peripheral Angio 36 feet (1363)
InstallDate 09/02/2013
SerialNumber 1363
PartNumber 10496542
ProvidesData Yes
SNValue 44.47949754187034
Shoulder Large 16 (2653)
InstallDate 13/06/2016
SerialNumber 2653
PartNumber 10500061
ProvidesData Yes
SNValue 70.74059011646321
Shoulder Small 16 (1393)
InstallDate 25/07/2012
SerialNumber 1393
PartNumber 10500082
ProvidesData Yes
SNValue 67.68051367152395
Spine 32 (1523)
InstallDate 25/07/2012
SerialNumber 1523
PartNumber 10496544
ProvidesData Yes
SNValue 42.64551949674911
TxRx 15Ch Knee QED (1240)
InstallDate 09/09/2015
ProvidesData No
SerialNumber 1240
PartNumber 10606524
SNValue 70.40910581577606?
Show as PDF

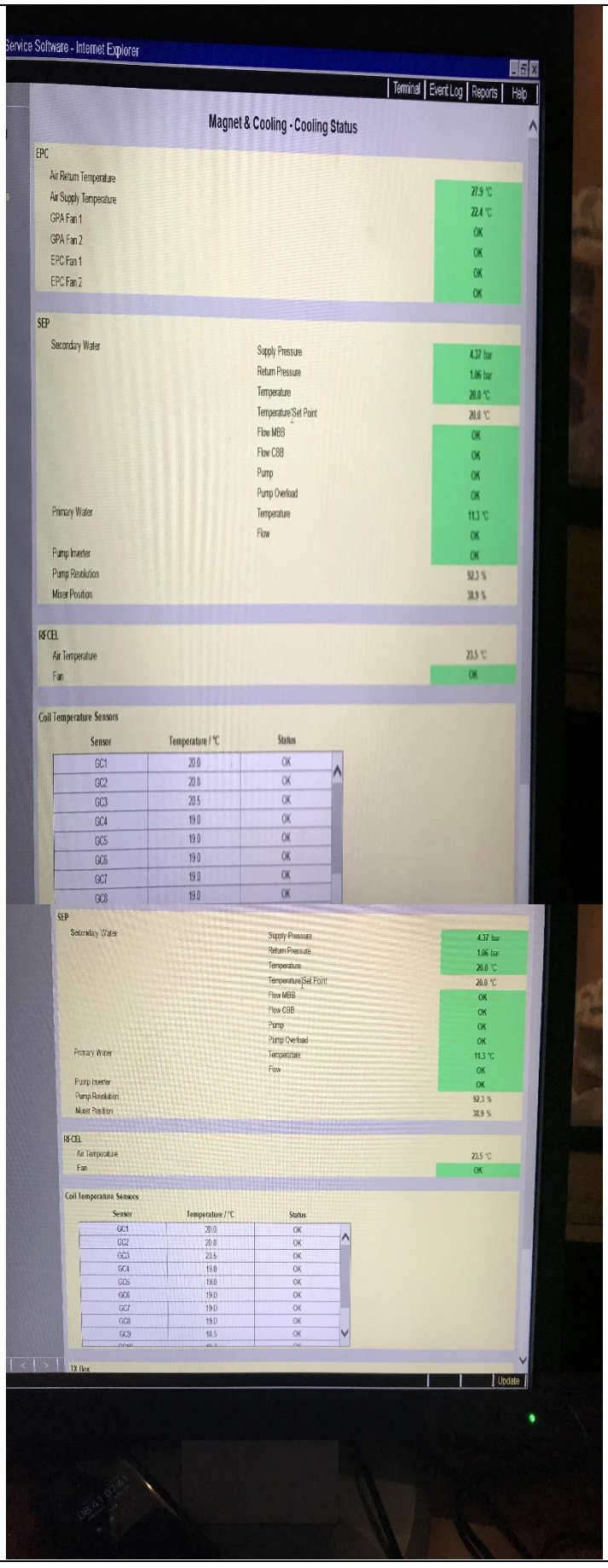

Service Key Expiry Date: 08-Jul-2020
Users Settings
Gestionnaire système
Contrôle composant
Paramètre système
Niveau de remplissage de l'hélium : 75.1 %
Température d'eau du circuit primaire : 11.9 °C
Débit d'eau du circuit primaire : OK
ACSK2300
CAN24K2304
CPANK2303_FL
CPANK2303_FR
GPAK2309
GPAK2309
GPAK2309-GIMLI
GPAK2309-SPI
MCIR
MPSK2276
MSUPK2306
OptoExpressCard_Rx_1
OptoExpressCard_Tx
PCIe
PMUK2301
PTABK2303
RFCELK2258_COM
RFCELK2258_Coil
RFCELK2258_DSP
RFCELK2258_INTERCOM
RFCELK2258_MSM
RFCELK2258_PALI
RFCELK2258_RCCS

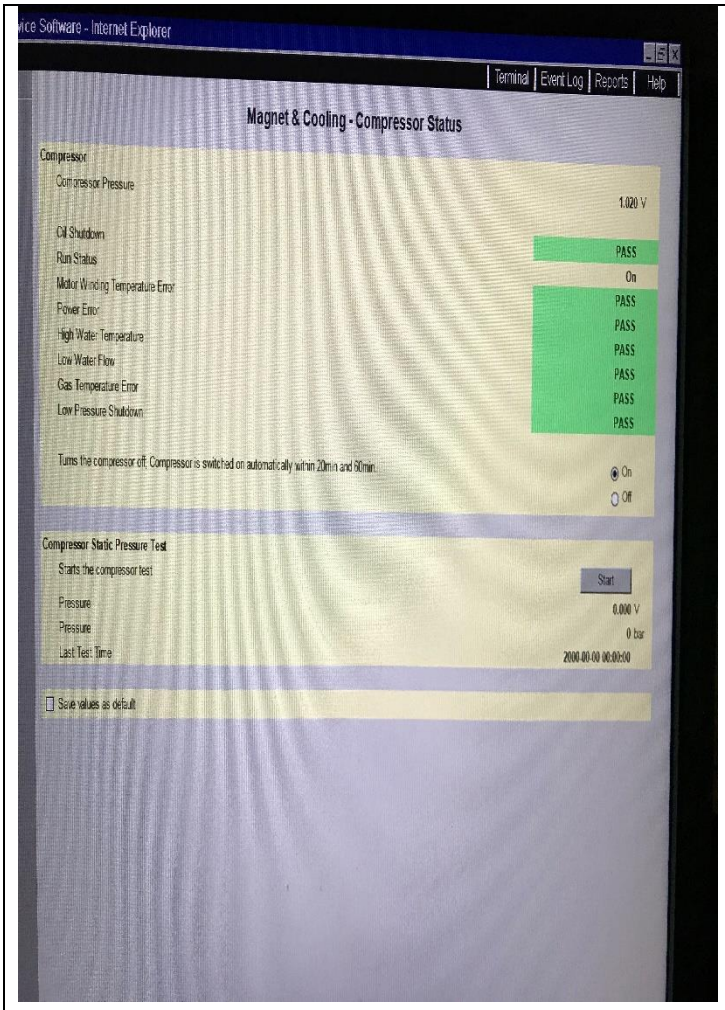

Configuration
Service Key Expiry Date: 08-Jul-2020
Reports
Home
Help
System Options
Users Settings
Gestionnaire système
Contrôle composant
Fermer
Aide
Remote Diagnostics
System

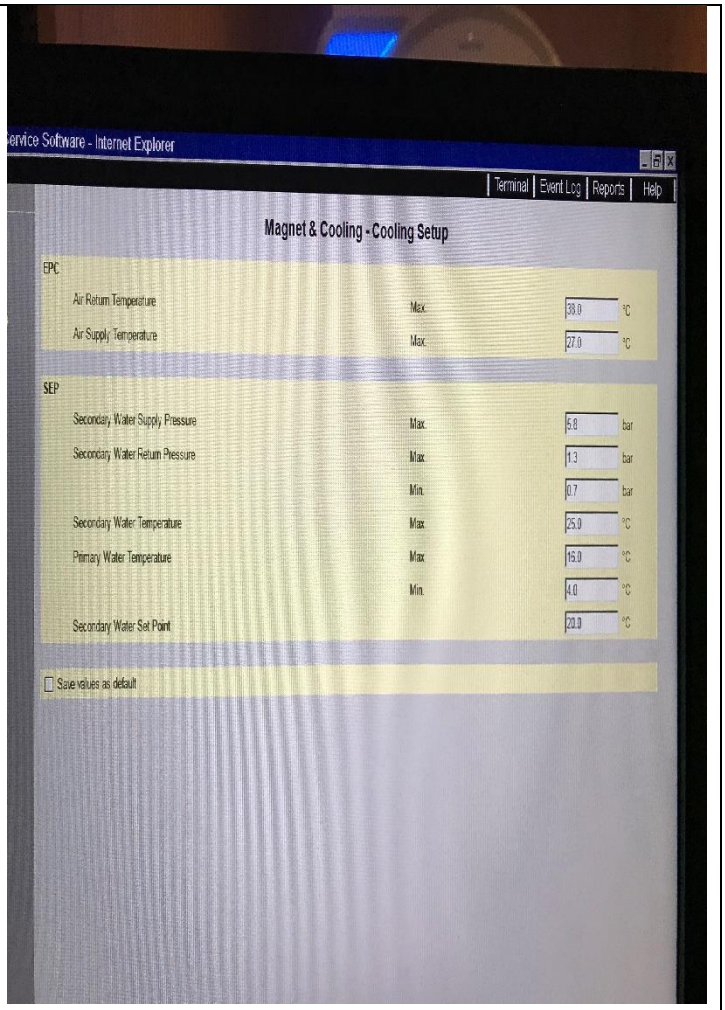

Terminal
Event Log
Reports
Help
Magnet & Cooling - Magnet Status
Magnet Values
Time | He / % | 50K L / K | 50K B / K | CHT / K | MP / psiA | PHAP / W | CP / V | Status
2019-07-08 02:00:18 | 75.1 | 49.3 | 54.9 | 43.7 | 15.51 | 0.90 | 1.032 | OK
2019-07-07 02:00:18 | 75.1 | 49.3 | 55.6 | 43.7 | 15.51 | 0.89 | 1.026 | OK
2019-07-06 02:00:18 | 75.1 | 50.0 | 56.3 | 43.7 | 15.51 | 0.89 | 1.032 | OK
2019-07-05 02:00:19 | 75.1 | 50.0 | 57.0 | 43.7 | 15.51 | 0.89 | 1.013 | OK
2019-07-04 02:00:18 | 75.1 | 50.0 | 56.3 | 44.4 | 15.51 | 0.89 | 1.020 | OK
Starts the supervisory test
Start
Helium Level
Helium Level
75.1 %
Starts the helium measurement
Start
Real Time Values
Quench Heater 1 22.2 Ohm
Quench Heater 2 22.5 Ohm
Switch Heater 130.5 Ohm
ERDU Button 1 OK
ERDU Button 2 OK
ERDU Button 3 OK
EIS Off
Battery Voltage (21.50 V ... 25.00 V) 23.16 V
Magnet Pressure (MP) 15.50 psiA
Pressure Heater Average Power (PHAP) 0.85 W
Pressure Heater Status Off
50K Link 49.3 K
50K Bore 54.9 K
Cold Head Temperature (CHT) 43.7 K


Start
Helium Level
Helium Level
Starts the helium measurement
75.1 %
Start
Real Time Values
Quench Heater 1 22.2 Ohm
Quench Heater 2 22.5 Ohm
Switch Heater 130.5 Ohm
ERDU Button 1 OK
ERDU Button 2 OK
ERDU Button 3 OK
EIS Off
Battery Voltage (21.50 V ... 25.00 V) 23.16 V
Magnet Pressure (MP) 15.50 psiA
Pressure Heater Average Power (PHAP) 0.85 W
Pressure Heater Status Off
50K Link 49.3 K
50K Bore 54.9 K
Cold Head Temperature (CHT) 43.7 K
Compressor Pressure (CP) 1.026 V
Carbon Resistor 1 2949.0 Ohm
Carbon Resistor 2 2794.0 Ohm
Carbon Resistor 3 2789.0 Ohm
Carbon Resistor 4 2995.0 Ohm
Turret (FCL) 1 44.4 K
Turret (FCL) 2 45.8 K
LYOD Waiting Trigger
Self Test PASS
ERDU Test Passed
Last ERDU Test 2018.11.17 10:41:11
Save
Default
Update


EIS
Battery Voltage
(21.50 V ... 25.00 V)
Magnet Pressure (MP)
Pressure Heater Average Power (PHAP)
Pressure Heater Status
50K Link
50K Bore
Cold Head Temperature (CHT)
Compressor Pressure (CP)
Carbon Resistor 1
Carbon Resistor 2
Carbon Resistor 3
Carbon Resistor 4
Turret (FCL) 1
Turret (FCL) 2
LVQD
Self Test
ERDU Test
Last ERDU Test
Last Status Codes
Waiting Trigger
PASS
Passed
2018-11-17 16:41:11
00000000 00200002 00000000
MSUP Control
Turns the EIS heater on/off
On
Off
Sets the pressure heater mode
On 103%
Automatic Mode
Off
Downloads all MSUP logfiles to the host
Download
Resets the LVQD
Reset
Save values as default
Save
Default
Update
SEP
Secondary Water
Supply Pressure
Return Pressure
Temperature
Temperature Set Point
Flow MBB
Flow CBB
Pump
Pump Overload
Primary Water
Temperature
Flow
Pump Inverter
Pump Revolution
Mixer Position
RFCEL
Air Temperature
Fan
Coil Temperature Sensors
Sensor
Temperature / °C
Status
GC1
GC2
GC3
GC4
GC5
GC6
GC7
GC8
GC9
TX Box
Update


Service Software - Internet Explorer
Terminal
Event Log
Reports
Help
Magnet & Cooling - Cooling Status
EPC
Air Return Temperature
Air Supply Temperature
GPA Fan 1
GPA Fan 2
EPC Fan 1
EPC Fan 2
SEP
Secondary Water
Supply Pressure
Return Pressure
Temperature
Temperature Set Point
Flow MBB
Flow CBB
Pump
Pump Overload
Primary Water
Temperature
Flow
Pump Inverter
Pump Revolution
Mixer Position
RFCEL
Air Temperature
Fan
Coil Temperature Sensors
Sensor
Temperature / °C
Status
GC1
GC2
GC3
GC4
GC5
GC6
GC7
GC8
TX Box
Update


vice Software - Internet Explorer
Terminal
Event Log
Reports
Help
Magnet & Cooling - Compressor Status
Compressor
Compressor Pressure
1.020 V
Oil Shutdown
Run Status
PASS
Motor Winding Temperature Error
On
Power Error
PASS
High Water Temperature
PASS
Low Water Flow
PASS
Gas Temperature Error
PASS
Low Pressure Shutdown
PASS
Turns the compressor off. Compressor is switched on automatically within 20min and 60min.
On
Off
Compressor Static Pressure Test
Starts the compressor test
Start
Pressure
0.000 V
Pressure
0 bar
Last Test Time
2000.00.00 00:00:00
Save values as default


Service Software - Internet Explorer
Terminal
Event Log
Reports
Help
Magnet & Cooling - Cooling Setup
EPC
Air Return Temperature
Max.
38.0
°C
Air Supply Temperature
Max.
27.0
°C
SEP
Secondary Water Supply Pressure
Max.
5.8
bar
Secondary Water Return Pressure
Max.
1.3
bar
Min.
0.7
bar
Secondary Water Temperature
Max.
25.0
°C
Primary Water Temperature
Max.
15.0
°C
Min.
4.0
°C
Secondary Water Set Point
20.0
°C
Save values as default

Removal Way Survey

Photo 1 – Out of the tech room

Proceed out of the tech room

Photo 2 - through the tech room door

Door heights and widths ok

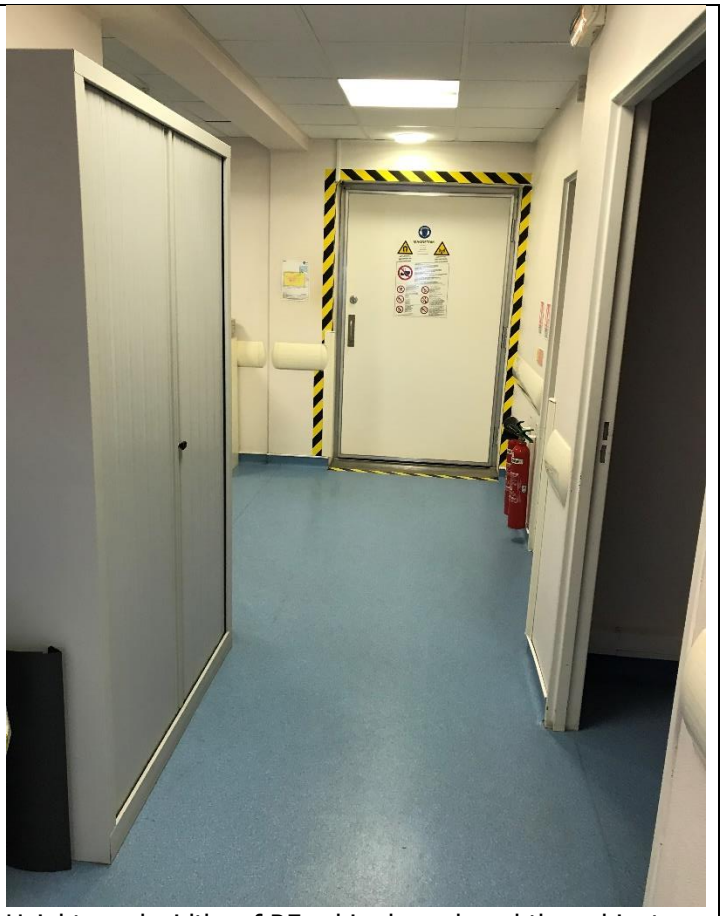
Photo 3 – Through the store space corridor

Client to deinstall all racking to allow cabinets through in advance of the removal dates.
Photo 5 – along corrdor and turn right

Photo 4 – Through the next door from the store space

Client to deinstall all racking to allow cabinets through in advance of the removal dates.
Door height and width ok – protect the floor always
Photo 6 – Go straight on and push cabinets through RF cabin door

Client to remove all boxes and clear corridor – protect the floor



Heights and widths of RF cabin door ok and the cabinets can pass through next to store cabinet. Protect the floor

Photo 7 – Rf Cabin exit wall

Client to arrange the opening of the RF cabin wall after magnet ramp down scheduled for the 5th August 2019. The client should help protect the magnet from dust during these works.

Site notes.

The main entrance can be used for bringing in logistical tools only and all items to be removed must go through the RF cabin opening. There will be a second magnet in use during our removal and the patients must not be placed at risk of injury during the removal process.

Bringing in of tools and goods, or carrying out small items must be carried out, out of hours.

The client explained that client is to organise the crane

Photo 8 – Outside the hospital

Truck parking area in front of double doors
Crane area where the cars are parked to the left.

The truck must have a sliding roof and/or a 6T rated tail lift.

Photo 9 – RF wall opening

Crane off platform to be made that is 6Ton rated that is 4m x 4m wide and is finished to the same height as the finished floor of the RF cabin.

The opening of the wall and platform for crane off is the clients responsibility.

Previous examples of system being delivered to the same site, we need to follow the same process.


Mediaco
EXCEPTIONNEL


MEDIACO
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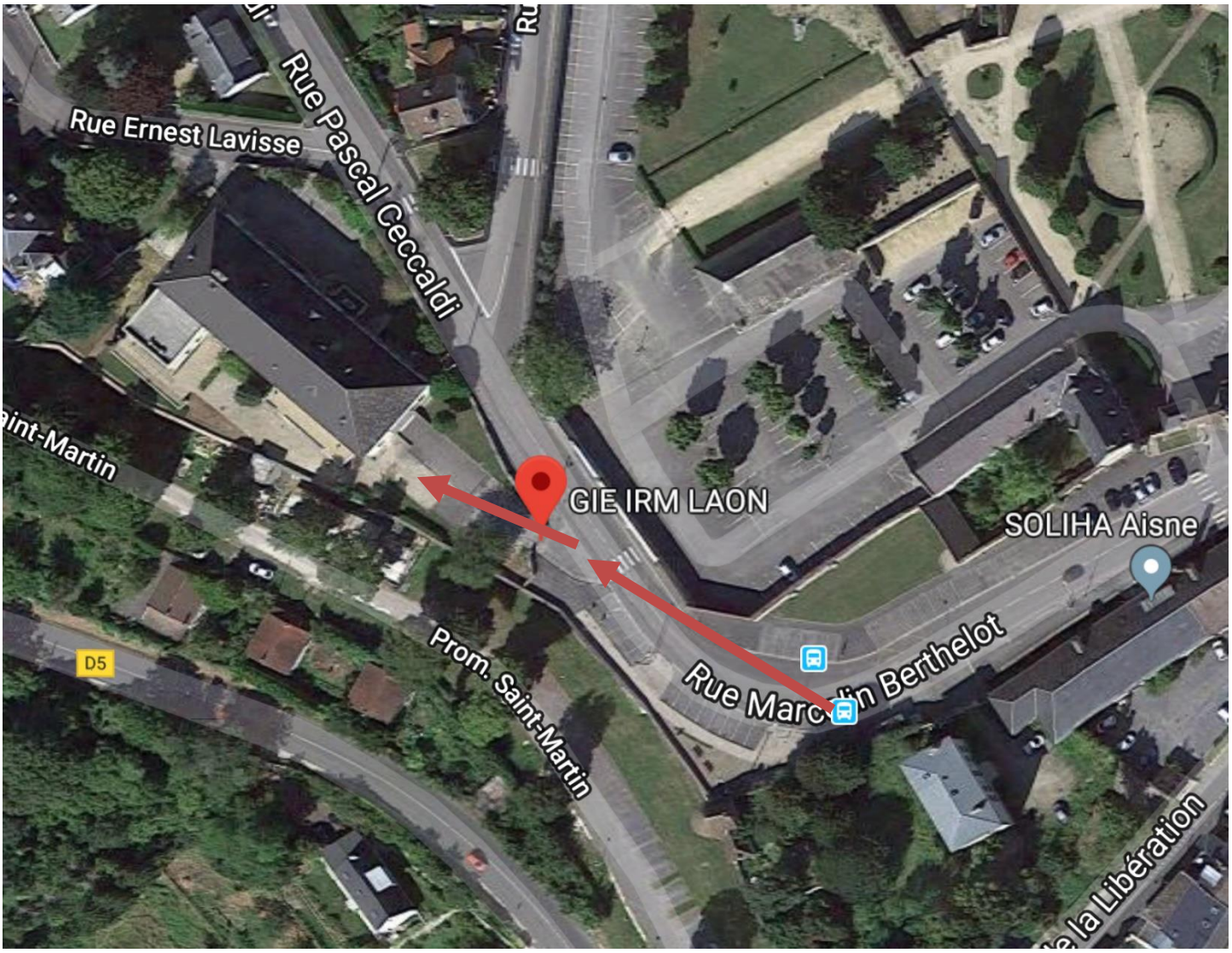
LOGISTIK · VERPACKUNG · TRANSPORT · MONTAGE
Simon Hegele
MEDIACO
TENEO

Site map showing way in.

The truck is to reverse in.



Site map

Crane to park up first with truck behind as per the above examples. I would anticipate a 200-250T crane needed subject to crane contract lift survey. The local crane company that has experience of these lifts and the site is called Mediaco https://www.mediaco-groupe.com/en/contact-en

Site planning information re the Magnetom Aera

Transport dimensions

MAGNETOM Aera

The following illustrations and examples indicate the minimum distances for transporting the magnet.

NOTE	**All transport dimensions are shown with transport devices!**

Standard transport

Physical dimensions of the magnet	
	Minimum transport dimensions
Height	2279 mm +/- 10 mm
Width	2310 mm +0 mm / - 5 mm
Length without support	1551 mm +0 mm / -3 mm
Length with support	1829 mm +0 mm / -3 mm

The picture below is showing the system with removed top right cover.

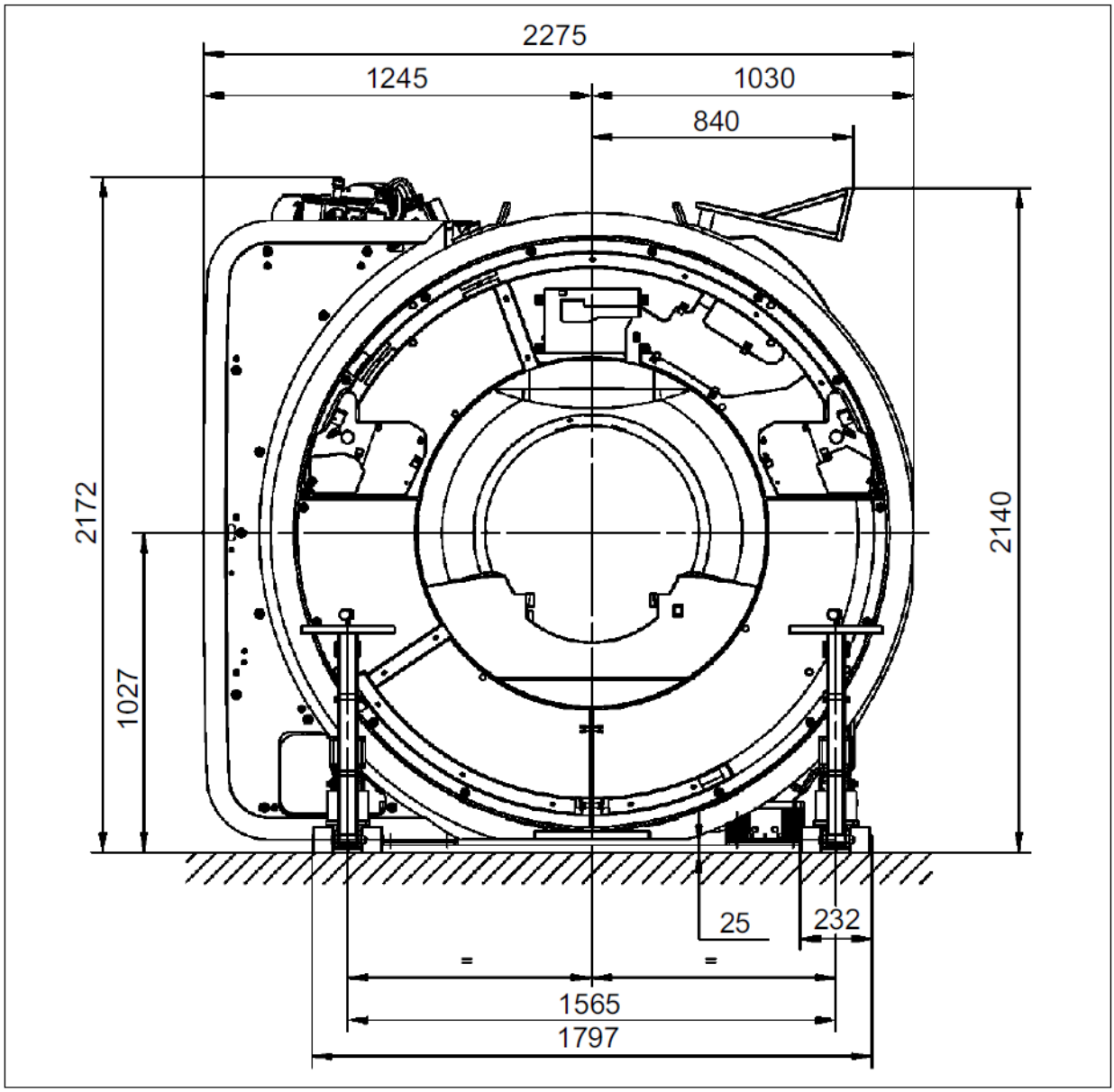


Fig. 185: Aera Transport dimensions (front view)

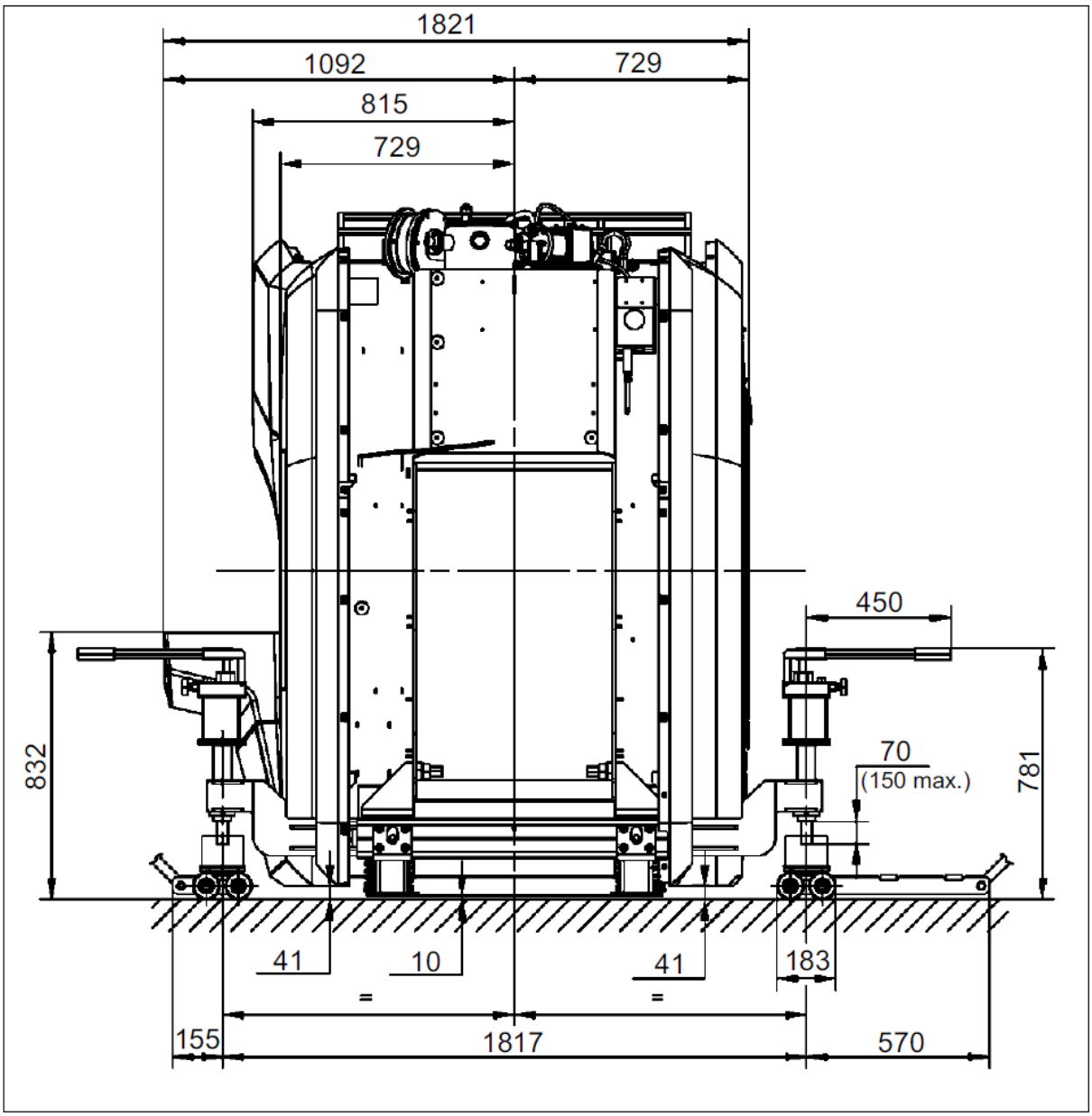


Fig. 186: Aera Transport dimensions (left side view)

Lifting eye

System components

To transport the GPA/EPC cabinet, the minimum finished room height must be **1972 mm**.

Transport dimensions of the GPA/EPC			
	GPA/EPC as delivered from the factory.	GPA/EPC removed wheels	GPA/EPC removed wheels and mains box
Height	1972 mm	1890 mm	1850 mm
Depth	650 mm		
Length	1560 mm		

NOTE	**The transport dimensions are without transport devices.**

Weights and Dimensions

System components	Outside dimensions of crate/ L x W x H in [m]	Gross weight/ net weigh in [kg]t
Magnet	230 x 230 x 230	4700 / 4700
GPA/EPC cabinet	160 x 70 x 200	1280 / 1280
Host PC	120 x 80 x 140	136 / 126
SEP cabinet	70 x 70 x 195	332 / 332
RF-filter panel	125 x 90 x 80	152 / 122
Patient table	265 x 90 x 110	334 / 240
SEP accessories	120 x 80 x 90	96 /86
Cable kit	120 x 80 x 105	262 / 250
Cover	170 x 100 x 150	186 / 86
Magnet accessories	162 x 95 x 70	142 / 90
System components	120 x 80 x 115	122 / 110
Docking station accesso-ries	120 x 80 x 130	185 / 175

Options		
In-Room MRC	140 x 70 x 74	120 / 80

TECHNICAL INFO PERTAINING TO LIFT

We will provide these with the system. The crane company must provide the shackles and chains to connect to the eyelets.

NOTE Use of four ropes or chains, each with a load bearing capacity of min. 3000 kg per rope or chain. Length of ropes/chains, approx. **3 m**.

Fig. 20 Hoist ring

- The hoist rings (eye lugs) are part of the magnet delivery volume.

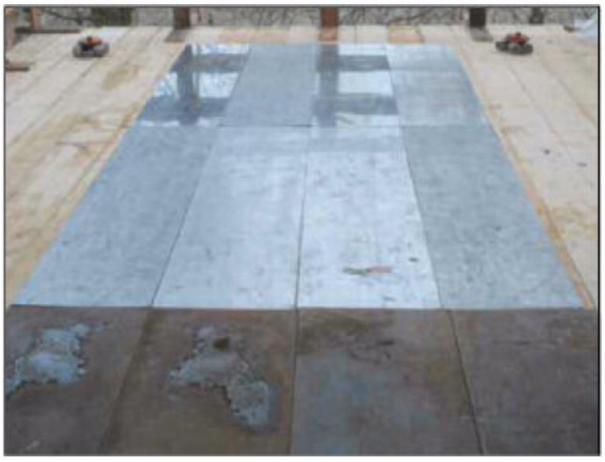
NOTE The use of snap hooks NOT open lifting hooks is recommended for lifting chains.

NOTE Care should be taken when removing shackles from the hoist rings.

NOTE Care should be taken when retracting the lifting chains to ensure shackles do not snag on the venting components.

Positioning the steel plates

Fig. 21 Positioning the steel plates



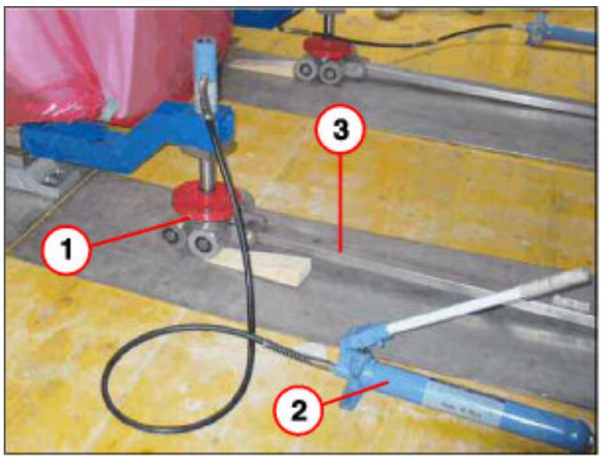
- Positioning the steel plates used for the magnet.

Hoisting the magnet from the Kilian pallet

- Removing the cover of the Kilian palett using the crane.
- Remove the pallet's exterior walls.
- Removing the mounting used for the magnet on the Kilian palett

Magnet Wheels to be provided by approved logistics

Fig. 33 Magnet transport set



- Position the four rollers (1) under the four hydraulic cylinders.
- Mount the four towing bars (3) to the rollers (1).
- Lift the magnet by simultaneously activating the four hydraulic pumps (2).
- Lift the magnet slowly and uniformly at all four corners.

Pos. 1	Role
Pos. 2	Hydraulic lifts
Pos. 3	Center pole

END OR REPORT – Please refer to Separate System and Coil QA + Maintenance and Safety protocols