

XFM

Digital mobile diagnostic X-ray system

TECHNICAL MANUAL

Cod. **MTE-XFM**

Revision **05**

MANUAL INFORMATION		
RELEASE	MTE-XFM Revision 05	VALID FROM SN 10-369-20
PREPARED	ANDREA CINTI	(PJM)
CHECKED	RICCARDO SARTI	(QUALITY ASSURANCE)
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DATE OF EMISSION	16/11/2020	

REVISION INDEX			
Code	Rev.	Date	Change
MTIXFM00	00	02/10/2012	First Emission
MTIXFM01	01	12/02/2013	General revision
MTIXFM02	02	15/07/2013	Introduction new notified body, CE2460
MTE-XFM	03	02/10/2014	Change in the identification number of the notified body CE 0051
MTE-XFM	04	07/08/2019	Modified Par. 4 and 5
MTE-XFM	05	16/11/2020	RDM 570 -RDM 602

This manual in English is the original version.

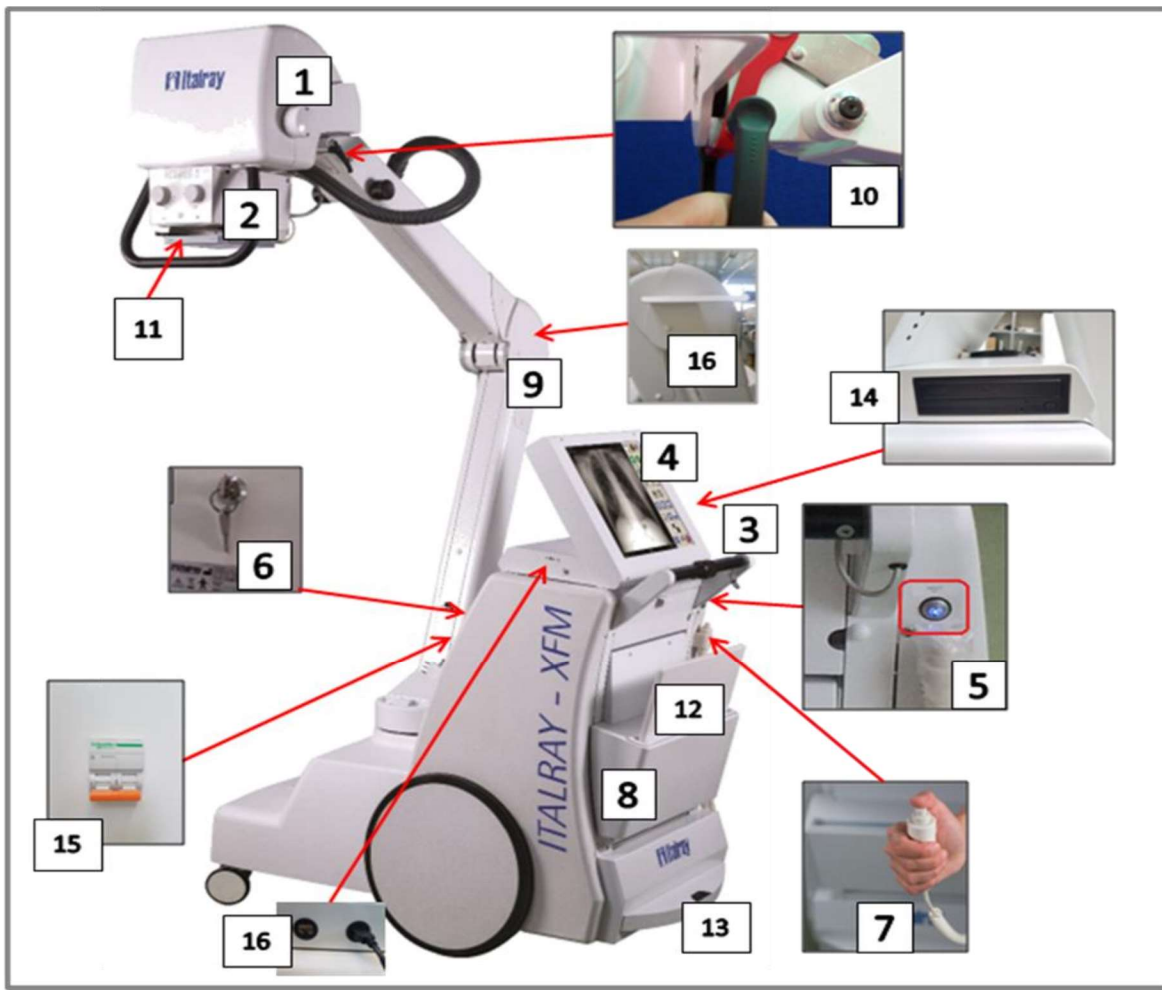


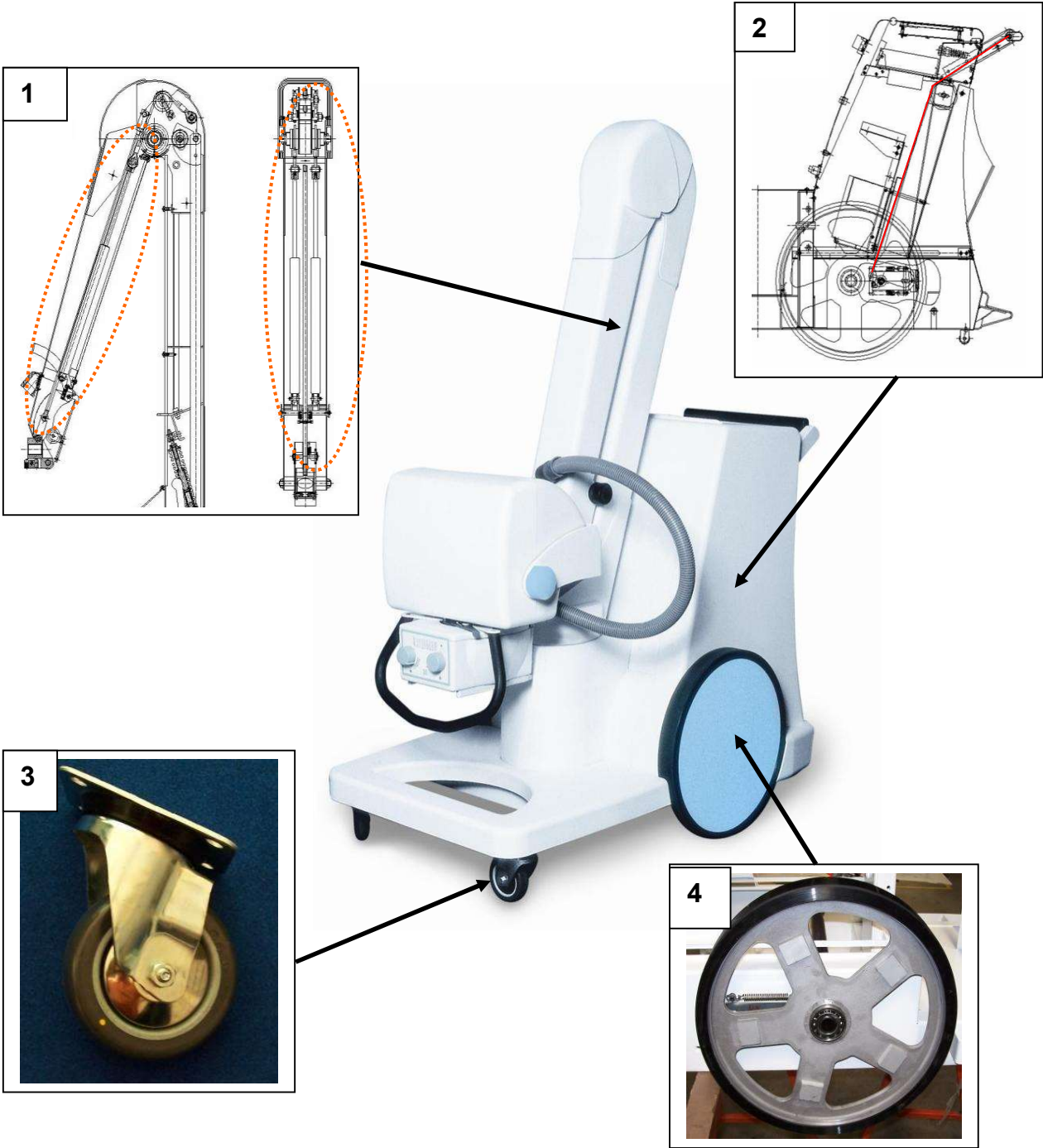
Figura 1 System composition

5.1.1 OPTIONAL ACCESSORIES

- DAP Product Dose Area meter;
- Wireless detector container for carrying out exams under load;
- Grid holder for wireless detector complete with grid;
- Wireless remote control for remote exposure control;
- Connecting the device to the hospital network in Wi-Fi mode;
- Measurement of the DFF with LCD display (present on the tube head).

8 SPARE PARTS AND REPLACING

8.1 MECHANICAL PARTS

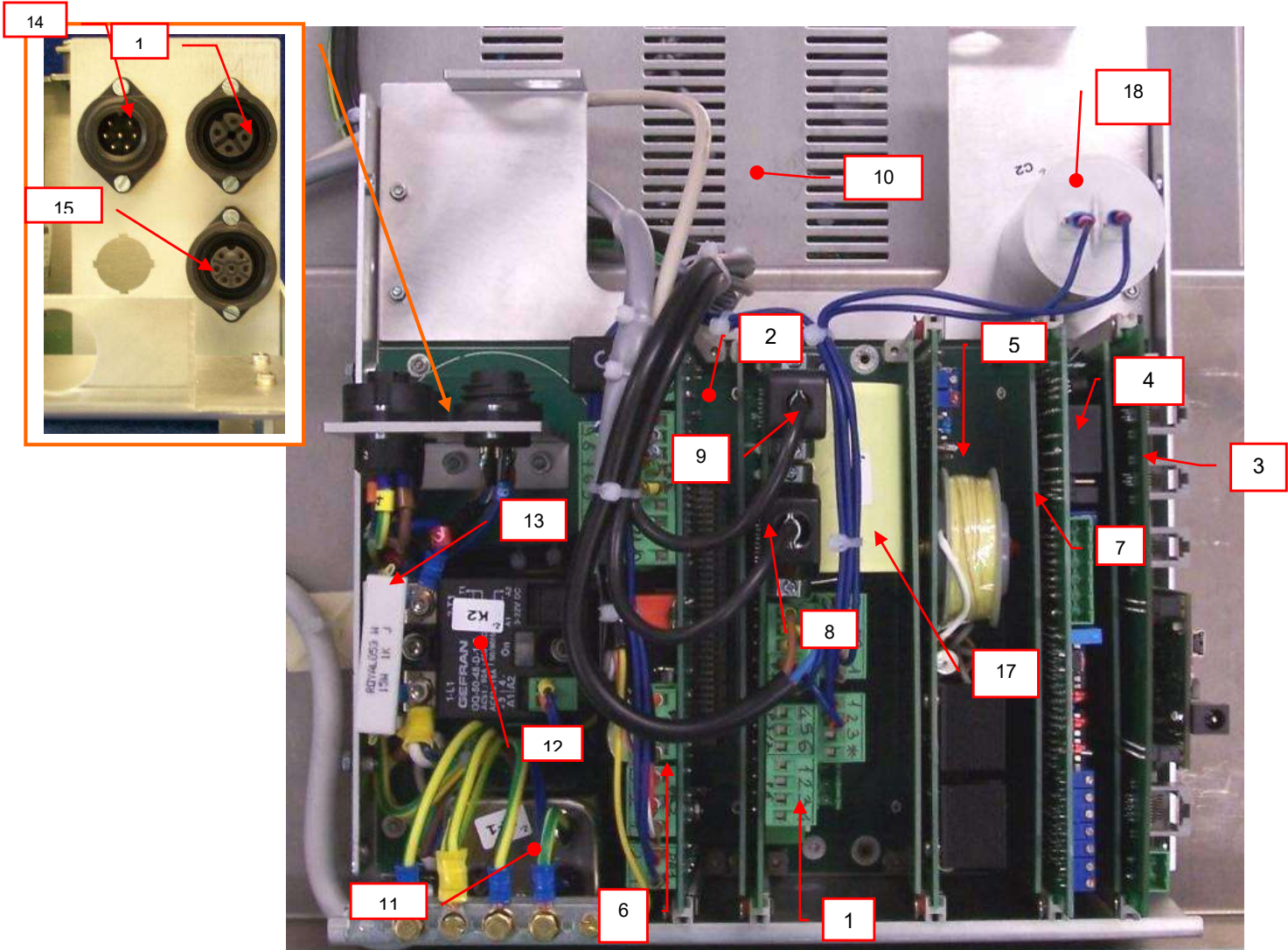


Position	Code	DESCRIPTION
1	SCOOK9	KIT GAS SPRING
2	73AO71	BRAKE ROPE
3	M20C24	FRONT WHEEL
4	73A008	BACK WHEEL

8.2 ELECTRONIC PARTS

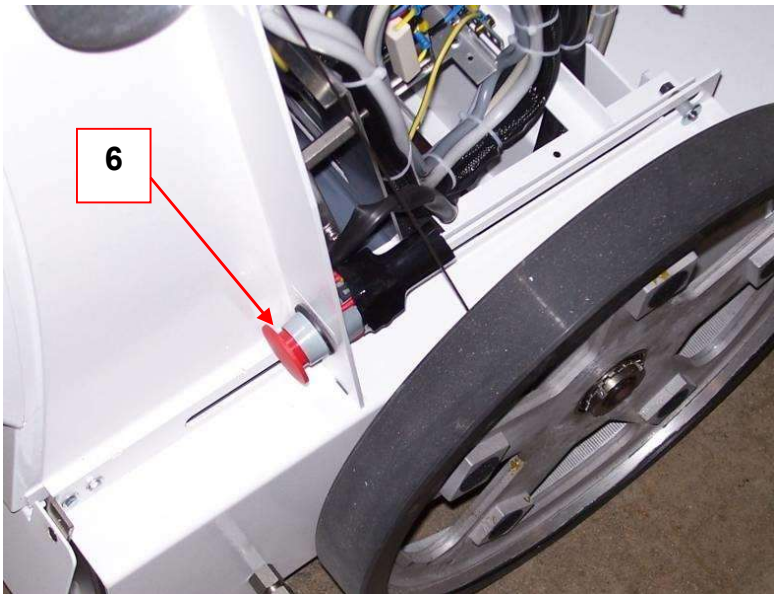
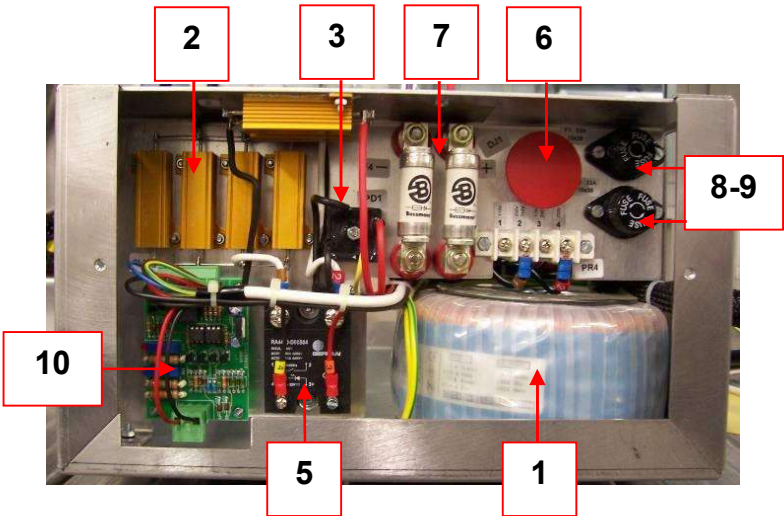
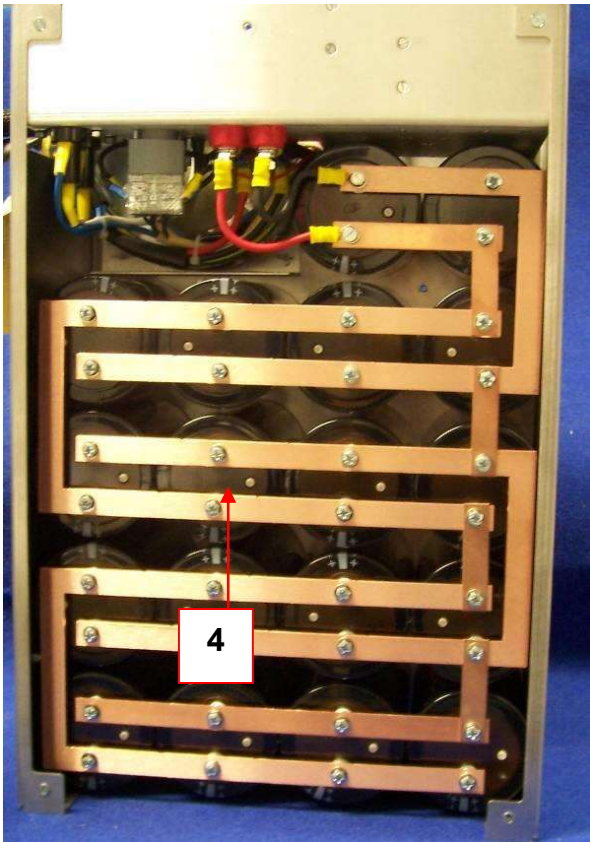


ELETTRONIC RACK F07S11



Pos.	Code	Description
1	E68S96	C.S. Conv. & Starter Interf.
2	E68S30	C.S. Back Plane
3	E68S45	C.S. Modulo Vulcano UC3C
4	E68SC7	C.S. Logic Board
5	E68S33	C.S. Filament Board
6	E68S41	C.S. PSU 8.5kW
7	E68S37	C.S. Schermo RF S1000H8
8	E50A50	Cable conn. conv. FB-I
9	E50A51	Cable conn. conv. PWM
10	F04S11	Converter
11	E55A30	Line Filter FN660B-16/06
12	E58A03	STATIC RELAY
13	E54A16	Resistor 1K
14	E62A34	Conn. Pann. M7P
15	E62A38	Conn. Pann. F7P
16	E62A35	Conn. Pann. F4P
17	E55A47	Cap. 250V 33uF
18	E55A29	Cap. 400V 40uF (40x94)

8.2.1 BOX CAPACITORS



Position	Code	Description
1	E53A16	TOROIDAL TRANSFORMER SEC.0/285/305V
2	E54A14	RESIST. RB50 560R
3	E55A10	RECT. BRIDGE 36MB80
4	E55A41	CAPACITOR 1.76 6800uF 450V
5	E58A03	STATIC RELAY RA4450-D08-S04
6	E60A09	PULS. 704.070.2.704.9103
7	E61A01	FUSE BUSSMAN 50PE
8	E61A04	FUSE HOLDER 10x38 P1891
9	E61A16	RAPID FUSE 32A 10x38
10	E68S81	C.S. RELE COND. S100072

8.2.2 MONOBLOCK



CODE	DESCRIPTION
F01S26	MONO 125/500HF (version 40kW)
F01S27	MONO 125/300HF (version 30kW)
E68SEB	Mono connection S003