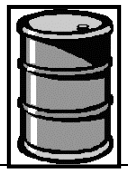
Product name:	**Veradius**
Identification code	**718 130**
Total weight (in Kg)	**535 kg** (approximately; dependent on specific configuration)

Producer/ Manufacturer	Name company:	Philips Medical Systems
	Address:	Veenpluis 6
	Zip code:	5684 PC Best
	Country:	Netherlands
	Electronic info:	http://www.healthcare.philips.com/us/about/sustainability/recycling/

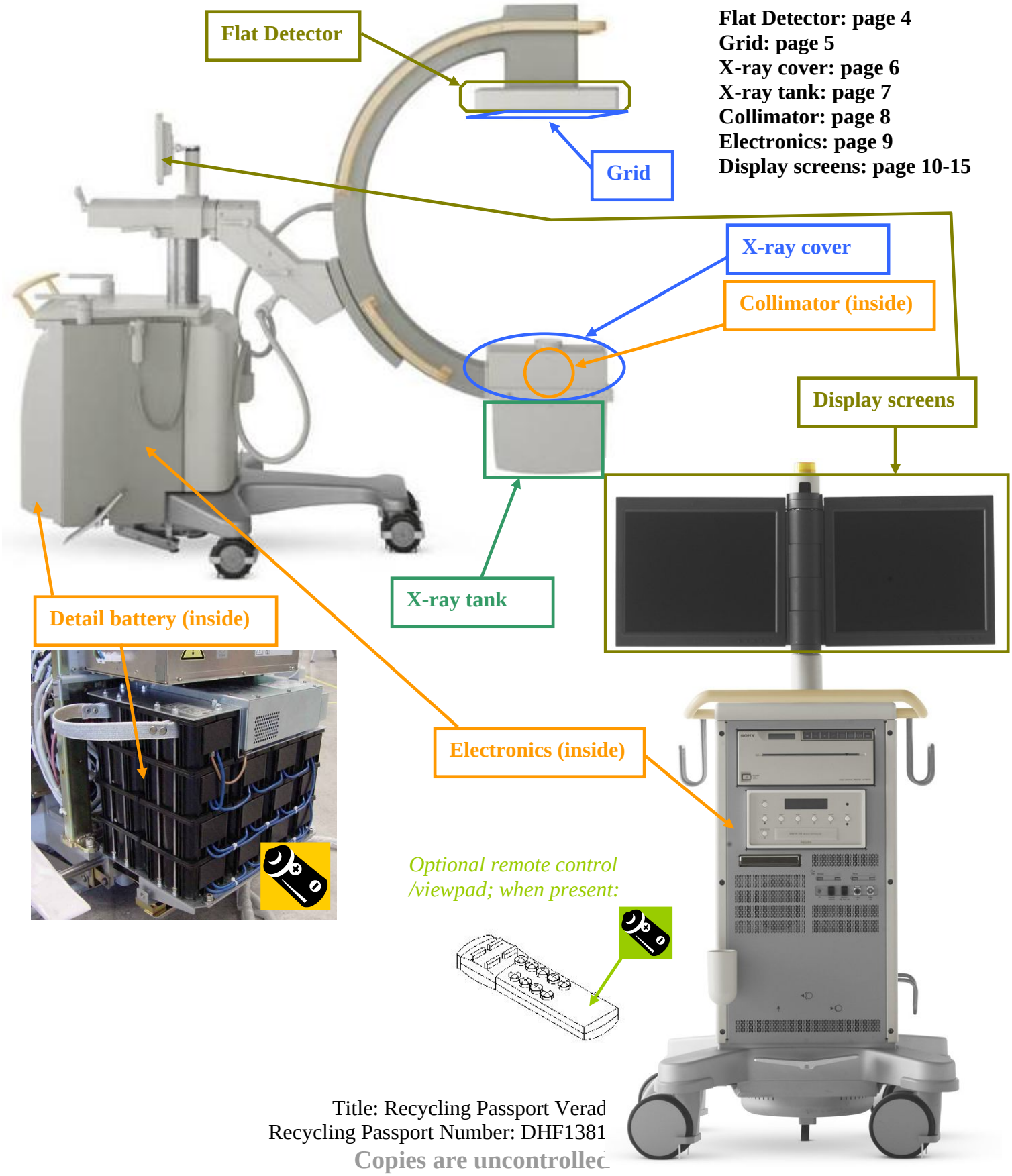
Recycle Info	Items:	Location
Special attention 	• Be aware of possibly contaminated system parts and materials! (biological hazard) For dismantling activities Treatment Facilities must consider the national requirements. For personnel that can come into contact with contaminated material, preventive measures pursuant to national requirements must be taken into account	System parts that were in the patient environment, and that were not disinfected
	• Removal of units / weights can cause the system to tilt!	
	• Removal of units / weights can cause unexpected movements of guidances!	
	• Release of brakes can cause unexpected movements of guidances! Brakes cannot prevent unexpected movements due to the removal of units /weights!	
	• High-voltage parts (e.g. capacitors) are marked with 	
	• Vacuum glass tube of X-ray tank can implode!	X-ray tank (page 7)

Fluids / Gases	Items:	Location
	• Oil	X-ray tank (page 7)

Batteries	Type:	Location
	Battery, 4x alkaline 1,5V [44 grams] (when option “remote control/viewpad” is present)	 (page 3)
	CR2032 3.0V Lithium coin cell of 3 gram CR2032 3.0V Lithium coin cell of 3.2 gram (when option “Dell PC” is present)	Electronics (page 9)
To be Removed	Pb - PbO - S.A.E. battery of 34,7 kg; containing lead (Pb), lead dioxide (PbO) and Sulfuric Acid Electrolyte (S.A.E.)	 (page 3)

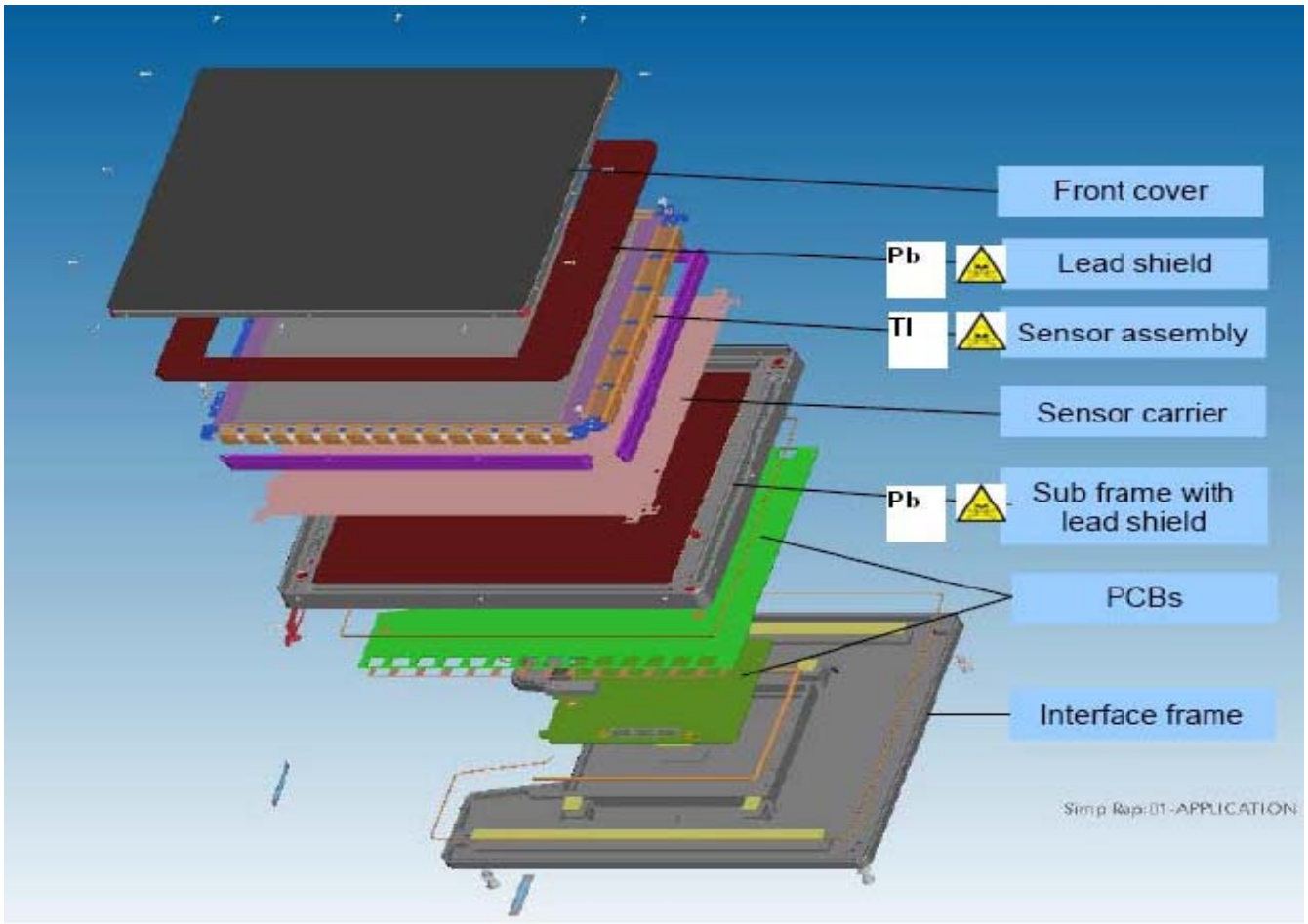
	Substances:	Location
Hazardous  **To be Removed**	Lead (Pb) for X-ray shielding	Flat Detector (page 4) Grid (page 5) X-ray cover (page 6) X-ray tank (page 7) Collimator (page 8)
	Lead (Pb) for soldering	Electronics (page 9) Display screens (page 10-15)
	Thallium (Tl) in the scintillator compound CsI(Tl) located in the 'Sensor Assembly'.	Flat Detector (page 4)
	Mercury (Hg) in LCD screens	LCD screens (page 10-15)

Note: to facilitate recycling, all plastic parts weighing > 50 grams are marked according to ISO11469 & ISO1043.


Flat Detector
Grid
Flat Detector: page 4
Grid: page 5
X-ray cover: page 6
X-ray tank: page 7
Collimator: page 8
Electronics: page 9
Display screens: page 10-15
X-ray cover
Collimator (inside)
Display screens
X-ray tank
Detail battery (inside)
Electronics (inside)
Optional remote control /viewpad; when present:

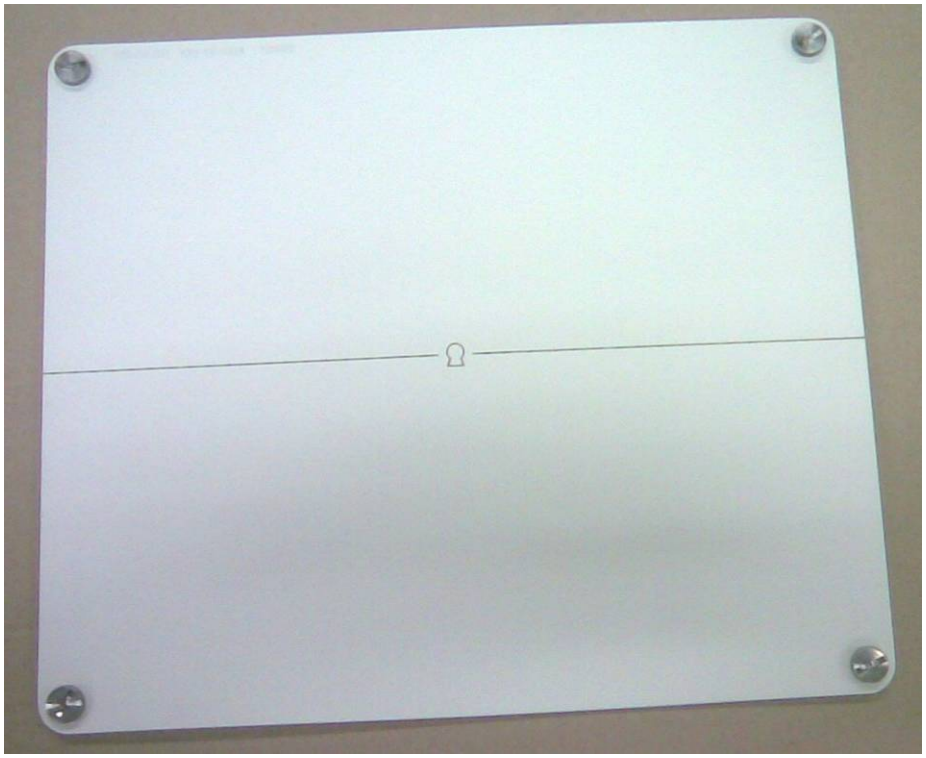
Flat Detector:

Recycle Info	Items:	Location
Special attention 	Be aware of biological hazards by potential contamination. • For dismantling activities Treatment Facilities must consider the national requirements. • For personnel that can come into contact with contaminated material, preventive measures pursuant to national requirements must be taken into account	System parts that were in the patient environment, and that were not disinfected
Hazardous  **To be Removed**	**Substances:**	**Location**
	Lead (Pb) used in the X-Ray shielding located in the 'Lead Shield under Cover' and 'Lead Shield in Sub frame'. Lead shielding total: 2658 grams composed of; - Lead plate in Sub frame: 2175 grams - Lead strips under Cover: 483 grams	See figure
	Thallium (Tl) used in the scintillator compound CsI(Tl) located in the 'Sensor Assembly'. 0.3 - 0.5 grams	See figure

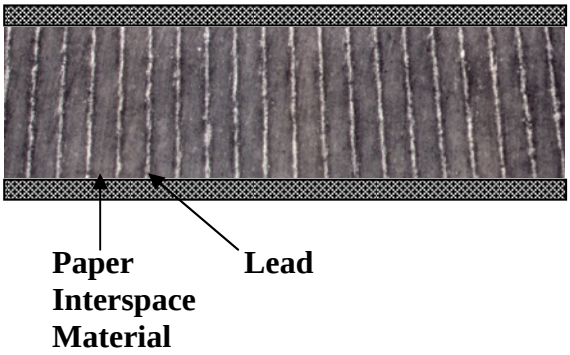


Grid:

Hazardous  To be Removed	Substances:	Location
	Lead (Pb 99,5%)	Enclosed between coverplates

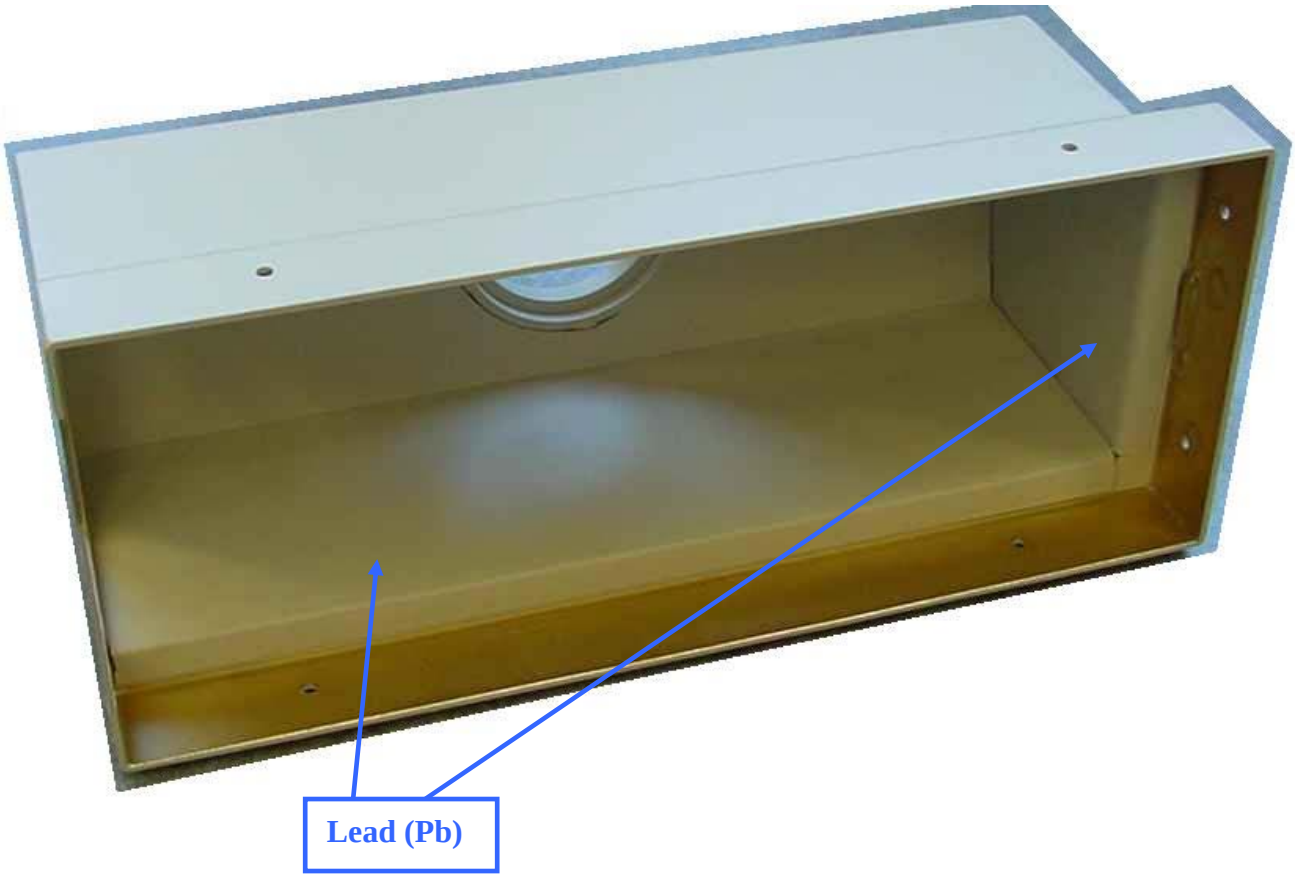


Cross-section of grid:

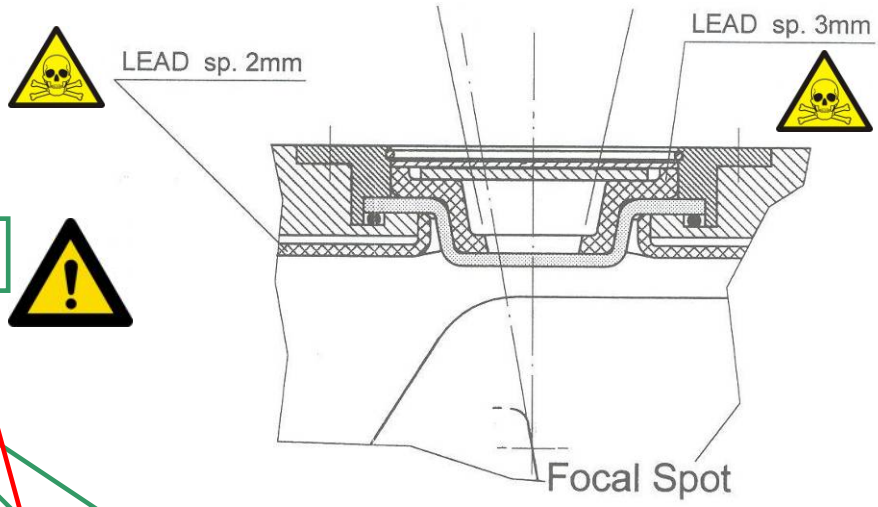


X-ray cover:

Hazardous To be Removed	Substances:	Location
	Lead (Pb 99,5%)	Glued at inside; see photo below



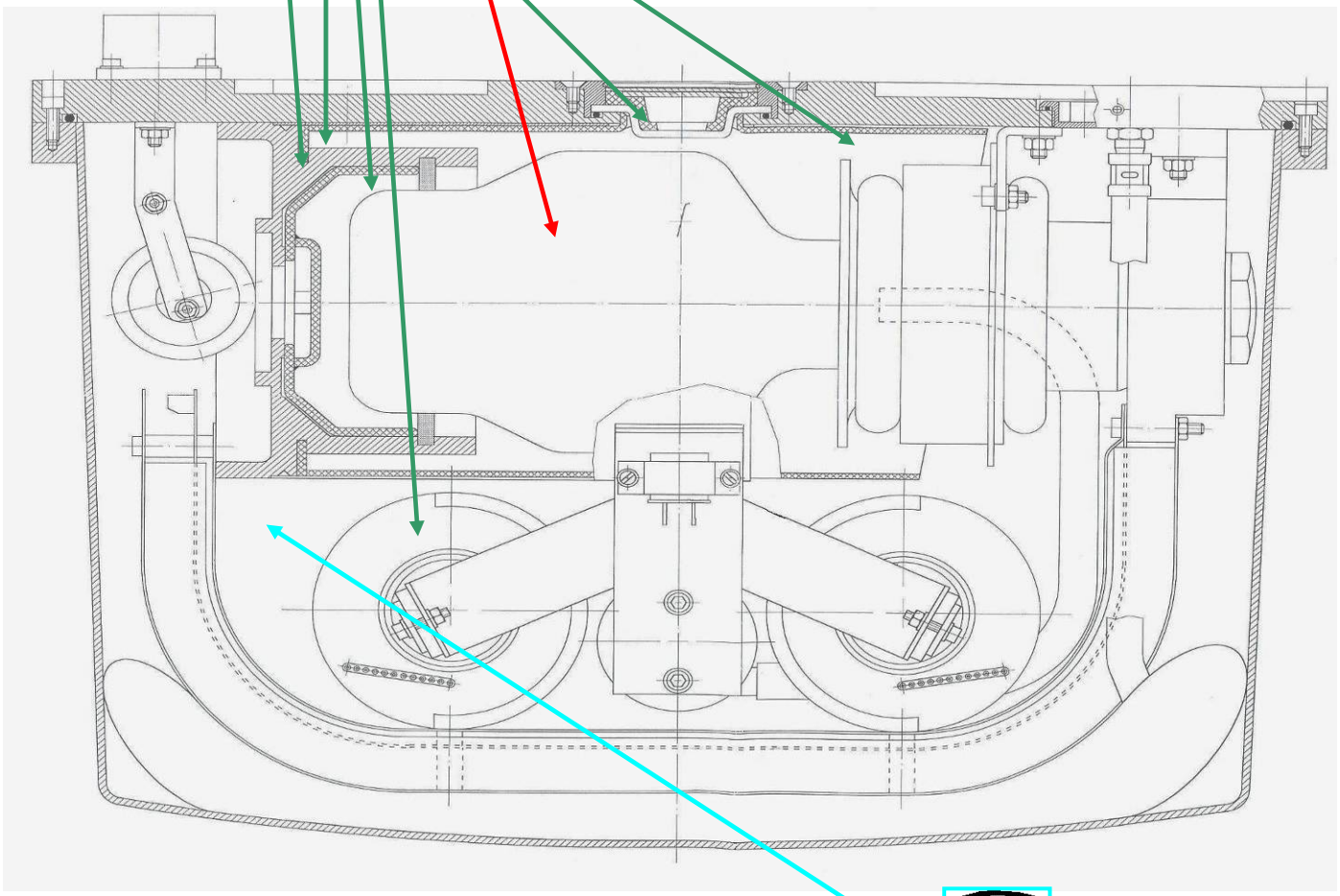
X-ray tank:



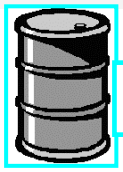
Detail of X-ray tank

Vacuum glass tube can implode!

Lead (Pb)



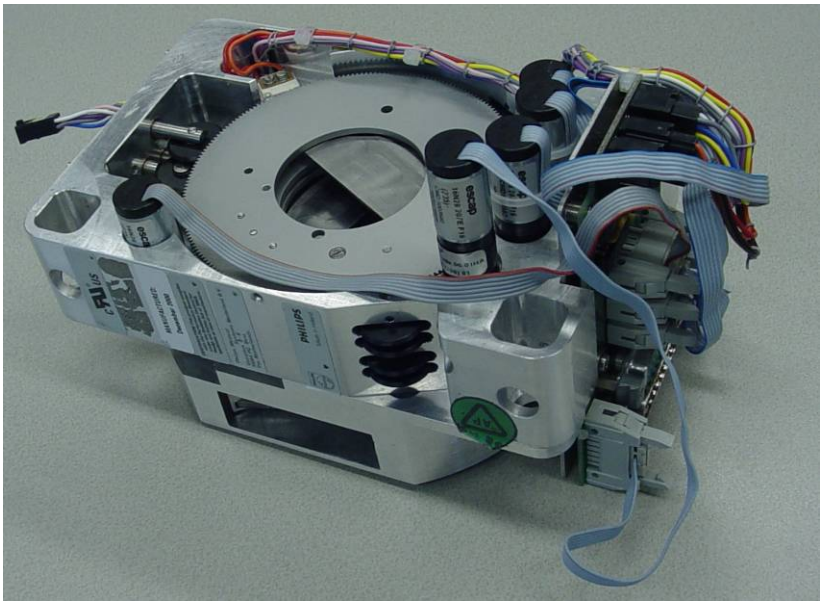
X-section of X-ray tank

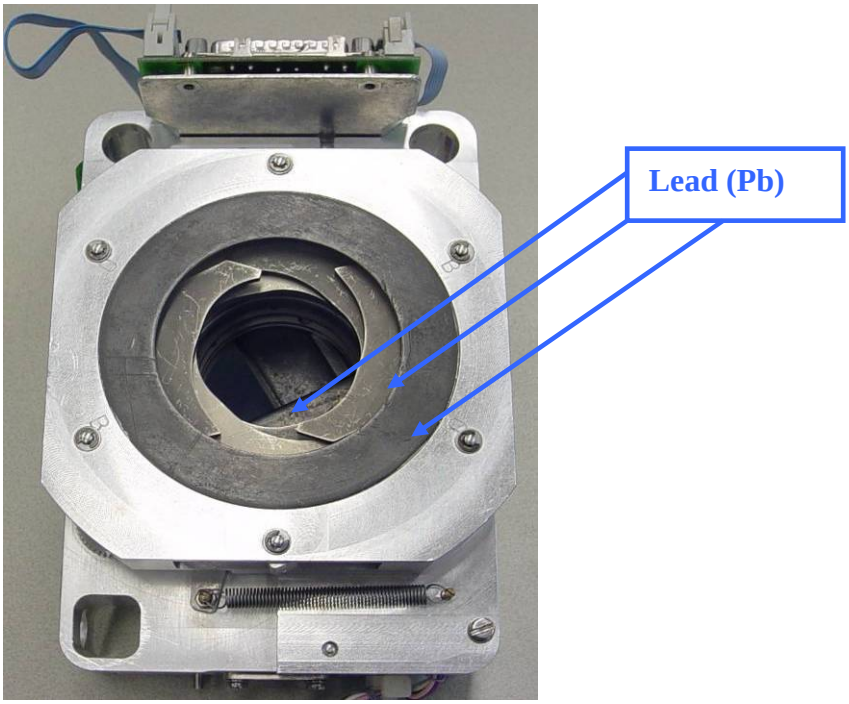


Oil

Collimator:

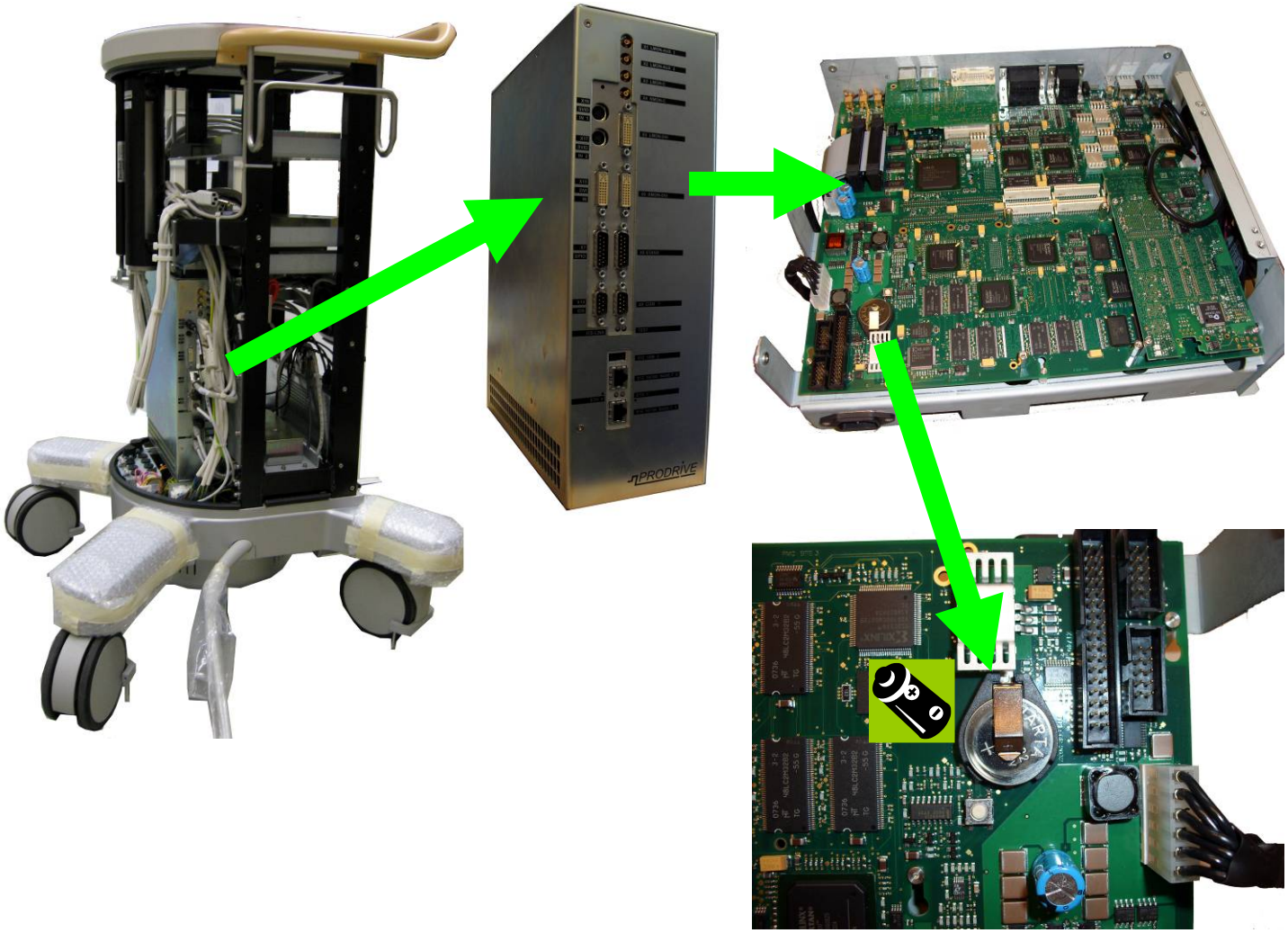
Hazardous To be Removed	Substances:	Location
	Lead (Pb 99,5%); 0,42 kg	Ring of lead, lead on shutters and wedges; See photo below.





Electronics:

Batteries	Type:	Location
 To be Removed	CR2032 3.0V Lithium coin cell of 3.2 gram (when option “Dell PersonalComputer” [Philips-indication: Viewforum hardware] is present) CR2032 3.0V Lithium coin cell of 3 gram	In Dell PC when present See picture below 
Hazardous	**Substances:**	**Location**
 To be Removed	Lead (Pb) is present in the soldering of some PCBs	PCBs (PrintedCircuitBoards)

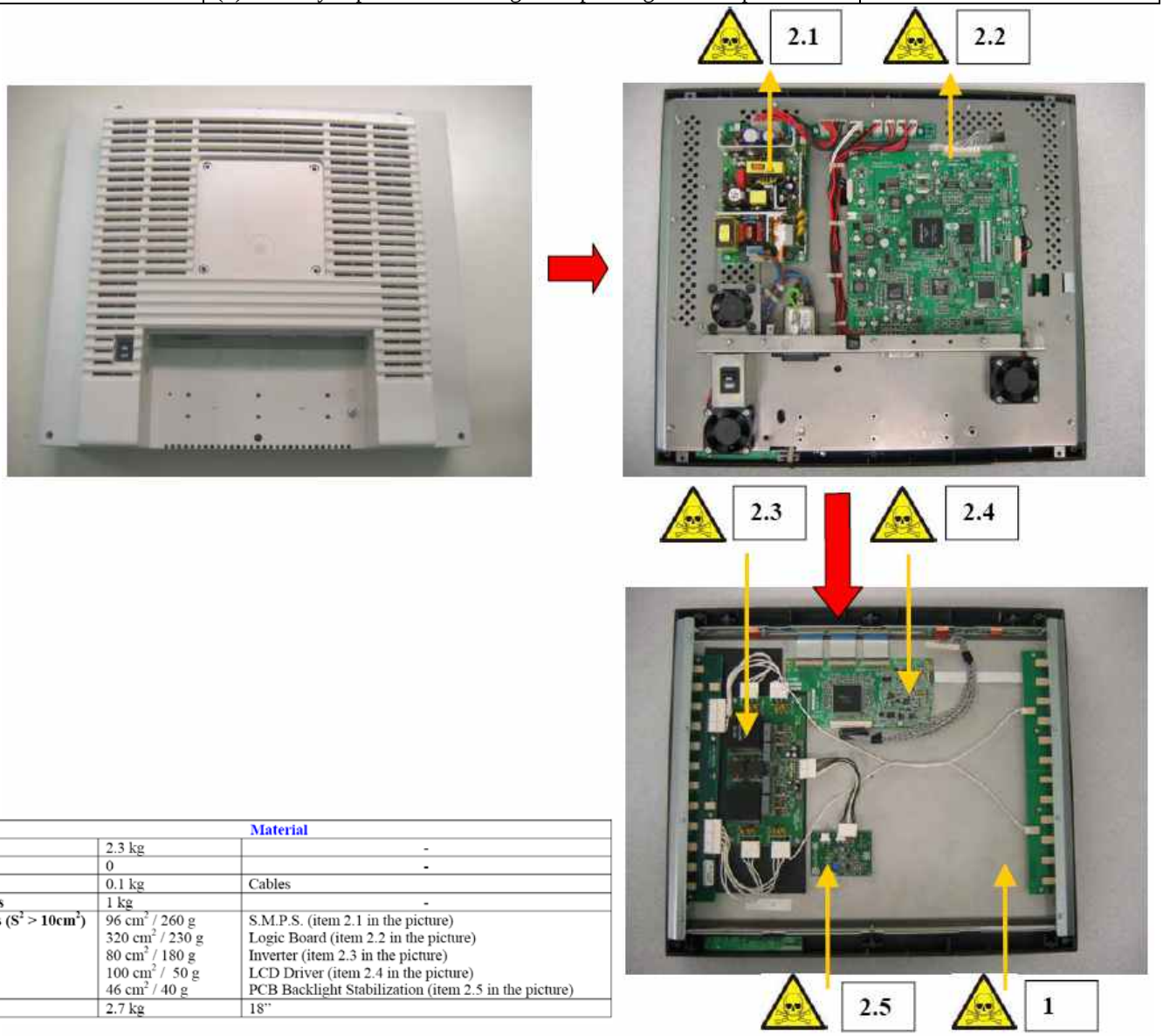


Display screens:

FOLLOWING PAGES PROVIDE INFORMATION ON VARIOUS SCREENS POSSIBLY PRESENT IN THE SYSTEM.

LCD screen FIMI MCL180-HB / 9919-320-5088x

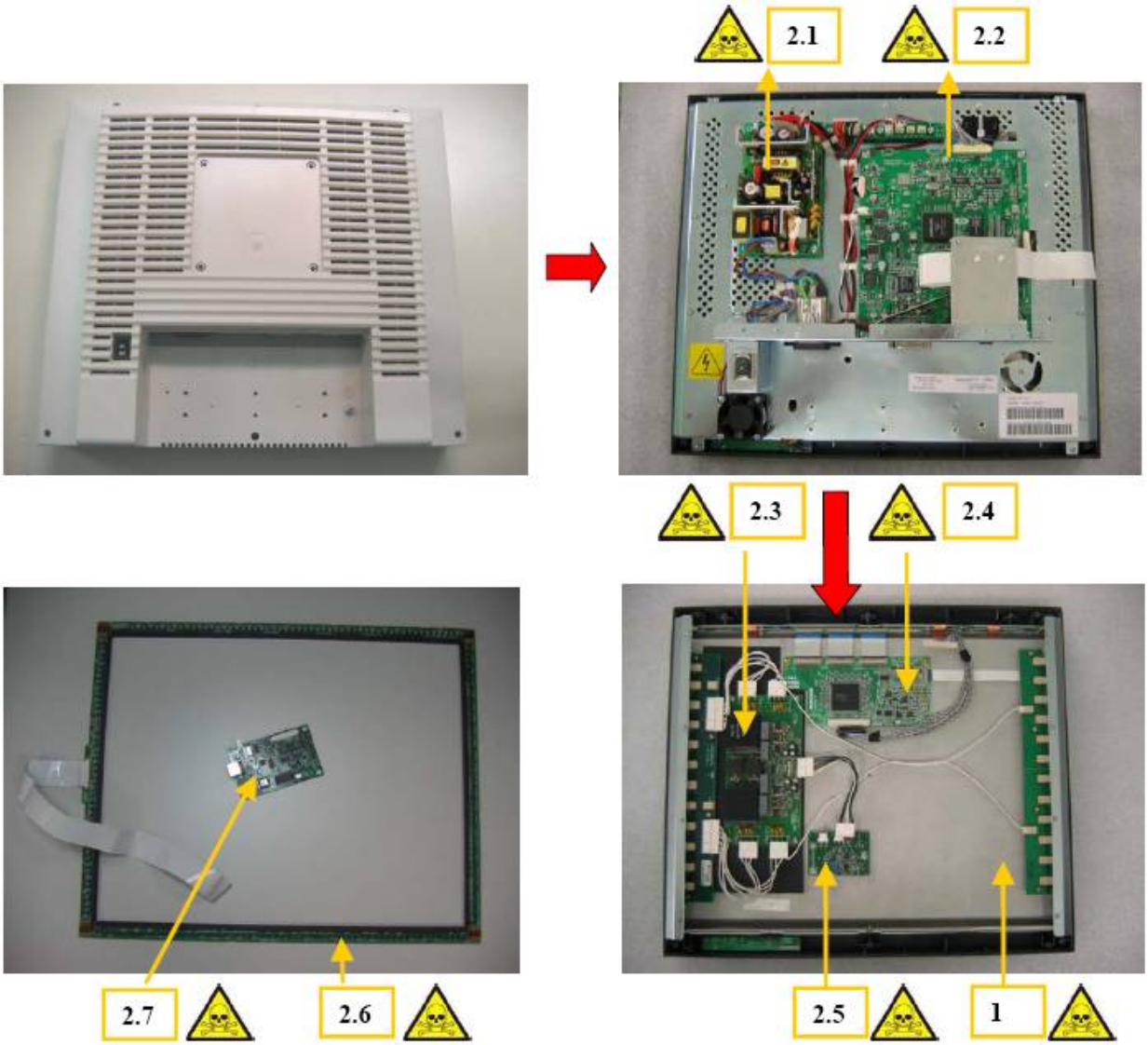
Hazardous	Substances:		Location
	Type	Quantity	
To be Removed 	Cd	0	
	Hg	36 mg max. (*)	Figure below (1)
	Pb	Lead is present in the soldering process of PCBs	Figure below (2.x)
	Cr^{6+}	0	
	PBB	0	
	PBDE	0	
	(*) Mercury is present in backlight lamps: 3mg x 12 lamps		



Material		
Fe	2.3 kg	-
Al	0	-
Cu	0.1 kg	Cables
Plastics	1 kg	-
Boards (S^2 > 10cm^2)	96 cm^2 / 260 g 320 cm^2 / 230 g 80 cm^2 / 180 g 100 cm^2 / 50 g 46 cm^2 / 40 g	S.M.P.S. (item 2.1 in the picture) Logic Board (item 2.2 in the picture) Inverter (item 2.3 in the picture) LCD Driver (item 2.4 in the picture) PCB Backlight Stabilization (item 2.5 in the picture)
LCD	2.7 kg	18"

LCD screen FIMI MCL180-HBT / 9919-320-5091x

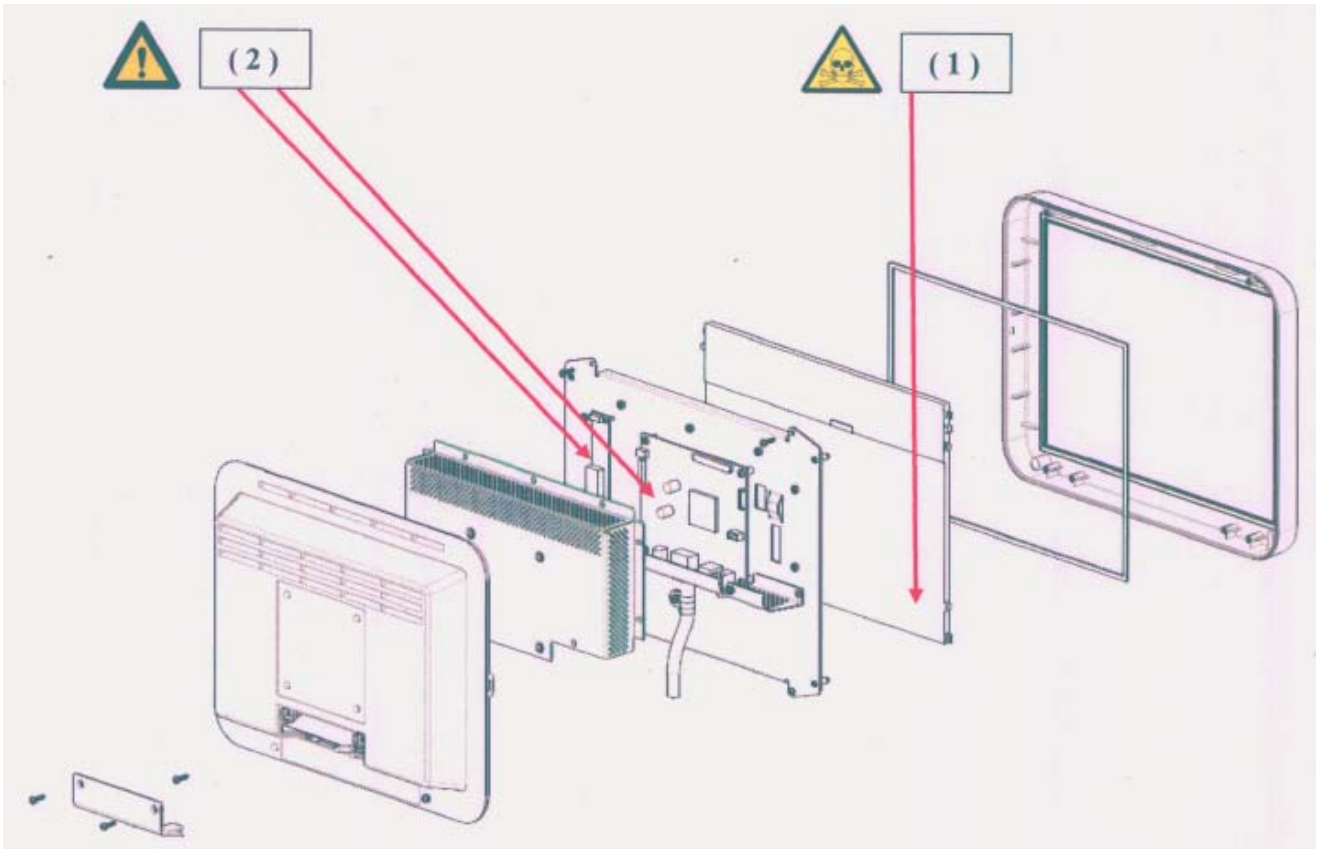
Hazardous	Substances:		Location
 To be Removed	Type	Quantity	
	Cd	0	
	Hg	36 mg max. (*)	Figure below (1)
	Pb	Lead is present in the soldering process of PCBs	Figure below (2.x)
	Cr^{6+}	0	
	PBB	0	
	PBDE	0	
	(*) Mercury is present in backlight lamps: 3 mg x 12 lamps		



Material		
Fe	2.3 kg	-
Al	0	-
Cu	0.2 kg	Cables
Plastics	1 kg	-
Boards (S^2 > 10cm^2)	96 cm^2 / 260 g 320 cm^2 / 230 g 80 cm^2 / 180 g 100 cm^2 / 50 g 71 cm^2 / 80 g 40 cm^2 / 50 g	S.M.P.S. (item 2.1 in the picture) Logic Board (item 2.2 in the picture) Inverter (item 2.3 in the picture) LCD Driver (item 2.4 in the picture) PCB Touch-Screen controller (item 2.5 in the picture) PCB Touch-Screen (item 2.6 in the picture)
LCD	2.7 kg	18"

LCD screen FIMI NEMO12 / 9919-322-1200x

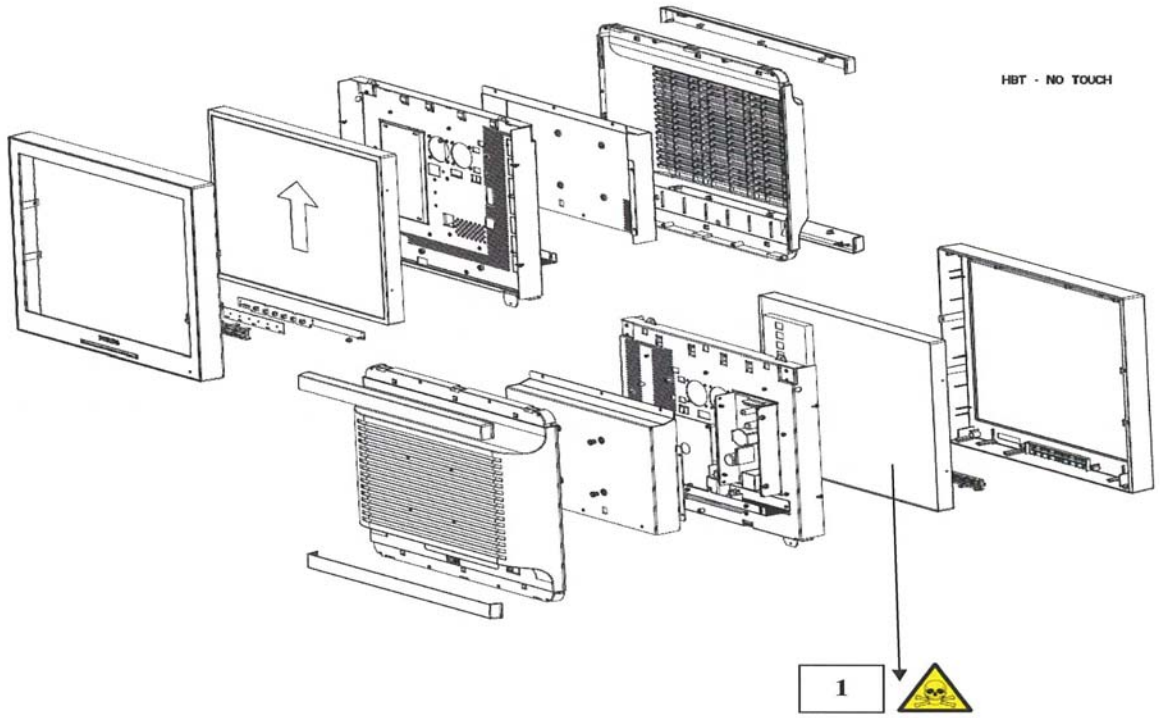
Hazardous	Substances:		Location
 To be Removed	Type	Quantity	
	Cd	0	
	Hg	3,5 mg max. per lamp (*)	Figure below (item 1)
	Pb	0	
	Cr^{6+}	0	
	PBB	0	
	PBDE	0	
	(*) Mercury is present in backlight: 1 lamp		
Special attention 	Printed Circuit Boards (produced by lead free soldering process)		Figure below (item 2)



Tablet PC material		
Fe	600 g	
Al	140 g	
Cu	50 g	Cables
Plastics	515 g	
Boards ($S^2 > 10cm^2$)	100 cm^2 / 65 g 10 cm^2 / 10 g	Main Board Inverter Board Control Board
LCD Panel	300 g	12"

LCD screen FIMI MCL190-HB/ 9919-322-5206x

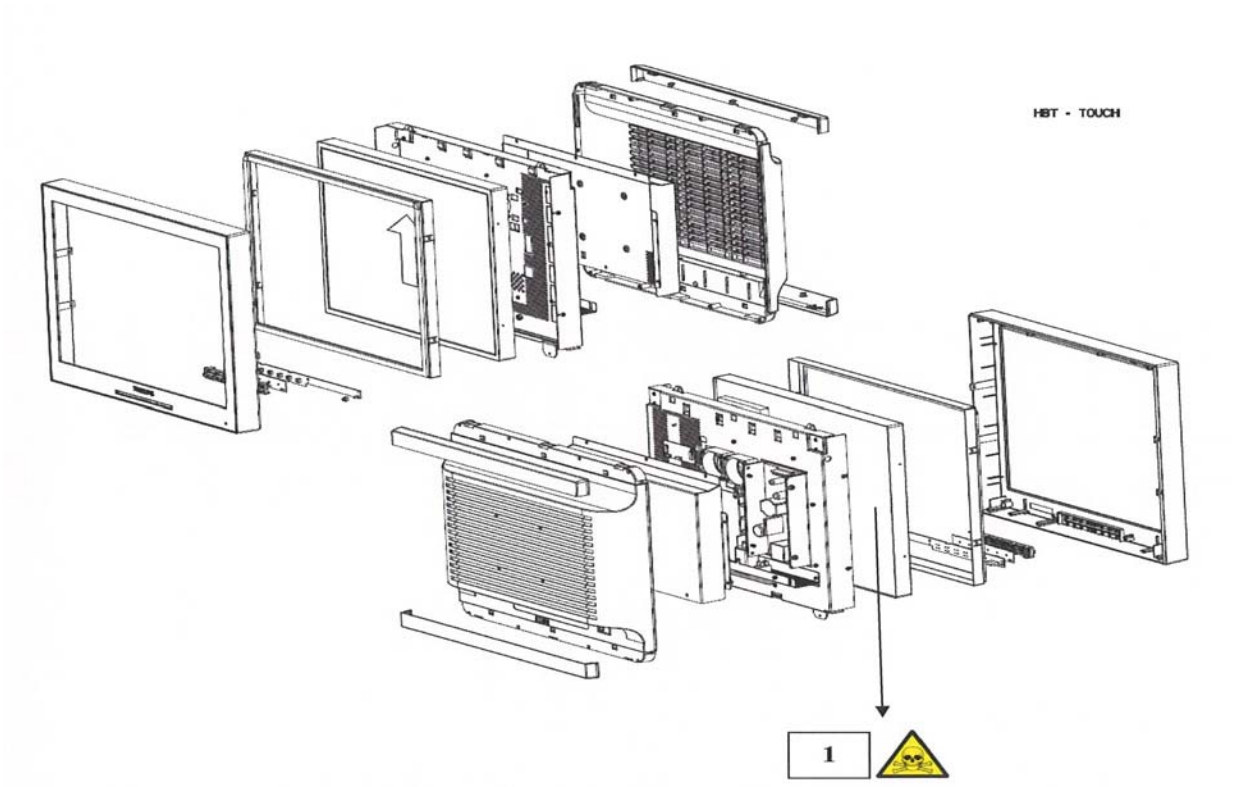
Hazardous	Substances:		Location
 To be Removed	Type	Quantity	
	Cd	RoHS compliant	
	Hg	RoHS compliant (*)	Figure below (item 1)
	Pb	RoHS compliant	
	Cr^{6+}	RoHS compliant	
	PBB	RoHS compliant	
	PBDE	RoHS compliant	
	(*) Mercury is present in backlight lamps: 2.5mg x 14 lamps = 35mg		



Material		
Fe	1425 g	Mechanical Chassis
Al	657 g	Mechanical Chassis
Cu	55 g	Cables
Plastics	1225 g	Enclosure
Boards ($S^2 > 10cm^2$)	161 cm^2 / 512 g 201 cm^2 / 115 g 48 cm^2 / 48 g 270 cm^2 /100g 60 g	S.M.P.S. Mother Board Keyboard Inverter Miscellaneous
LCD	1700 g	19" LCD Panel

LCD screen FIMI MCL190-HBT/ 9919-322-5207x

Hazardous	Substances:		Location
 To be Removed	Type	Quantity	
	Cd	RoHS compliant	
	Hg	RoHS compliant (*)	Figure below (item 1)
	Pb	RoHS compliant	
	Cr^{6+}	RoHS compliant	
	PBB	RoHS compliant	
	PBDE	RoHS compliant	
	(*) Mercury is present in backlight lamps: 2.5mg x 14 lamps = 35mg		



Material		
Fe	1425 g	Mechanical Chassis
Al	957 g	Mechanical Chassis
Cu	55 g	Cables
Plastics	1400 g	Enclosure
Boards (S^2 > 10cm^2)	161 cm^2 / 512 g 201 cm^2 / 115 g 48 cm^2 / 48 g 270 cm^2 /100g 10.5 cm^2 /10g 21 cm^2 /20g 60 g	S.M.P.S. Mother Board Keyboard Inverter USB Interface Touch Controller Miscellaneous
LCD	1700 g	19" LCD Panel