

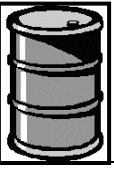




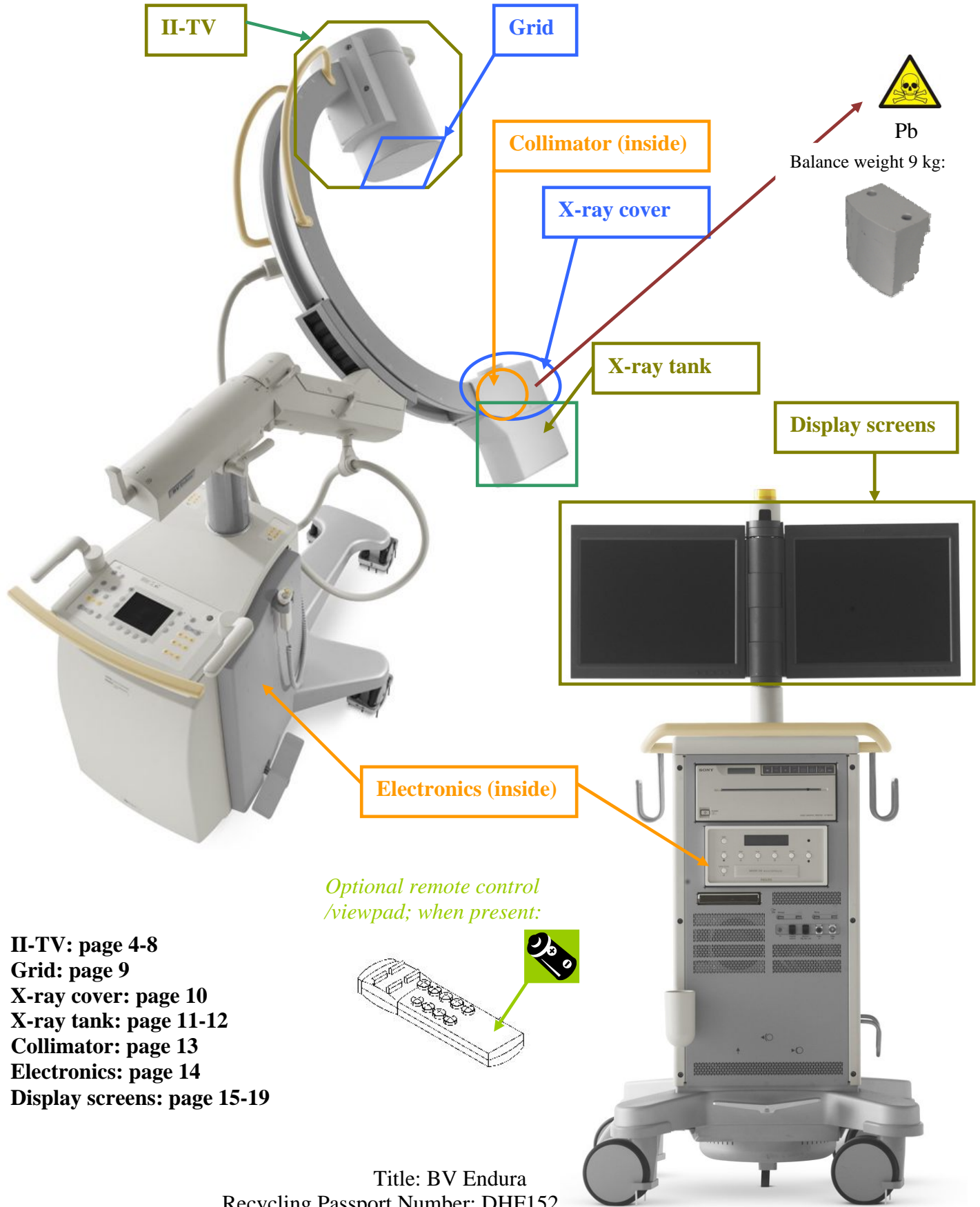


Product name:	BV Endura	
Identification code	718 075	
Total weight (in Kg)	505 kg (approximately; dependent on specific configuration)	
Producer/ Manufacturer	Name company:	Philips Medical Systems
	Address:	Veenpluis 6
	Zip code:	5684 PC Best
	Country:	Netherlands
	Electronic info:	http://www.healthcare.philips.com/main/about/sustainability/recycling/

Recycle Info	Items:	Location
Special attention 	<ul style="list-style-type: none"> Be aware of possibly contaminated system parts and materials! 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
	<ul style="list-style-type: none"> Removal of units / weights can cause the system to tilt! 	
	<ul style="list-style-type: none"> Removal of units / weights can cause unexpected movements of guidances! 	
	<ul style="list-style-type: none"> Release of brakes can cause unexpected movements of guidances! Brakes cannot prevent unexpected movements due to the removal of units /weights! 	
	<ul style="list-style-type: none"> High-voltage parts (e.g. capacitors) are marked with  	
	<ul style="list-style-type: none"> Before dismantling the vacuum II-Insert, drill a small hole to let air in the insert 	II-TV (page 4-8)
	<ul style="list-style-type: none"> Vacuum glass tube of X-ray tank can implode! 	X-ray tank (page 11-12)
Fluids / Gases 	Items: <ul style="list-style-type: none"> Transformer oil, type: Shell Diala 	X-ray tank (page 11-12)
Batteries  To be Removed	Type: <p>Battery, 4x alkaline 1,5V [44 grams] (when option “remote control/viewpad” is present)</p> <p>CR2032 3.0V Lithium coin cell of 3.2 gram (when option “Dell PC” is present)</p>	 Electronics (page 14)

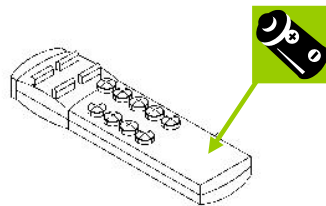
Hazardous  To be Removed	Substances:	Location
	Lead balance weight (9 kg for BV Endura 12’')	Page 3 
	Lead (Pb) for X-ray shielding	II-TV (page 4-8) Grid (page 9) X-ray cover (page 10) X-ray tank (page 11-12) Collimator (page 13)
	Cadmium (Cd) inside the II-Insert on the glass output window.	II-TV (page 4-8)
Mercury (Hg) in specific LCD screens, when these LCD screens are present	LCD screens (page 15-19)	

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





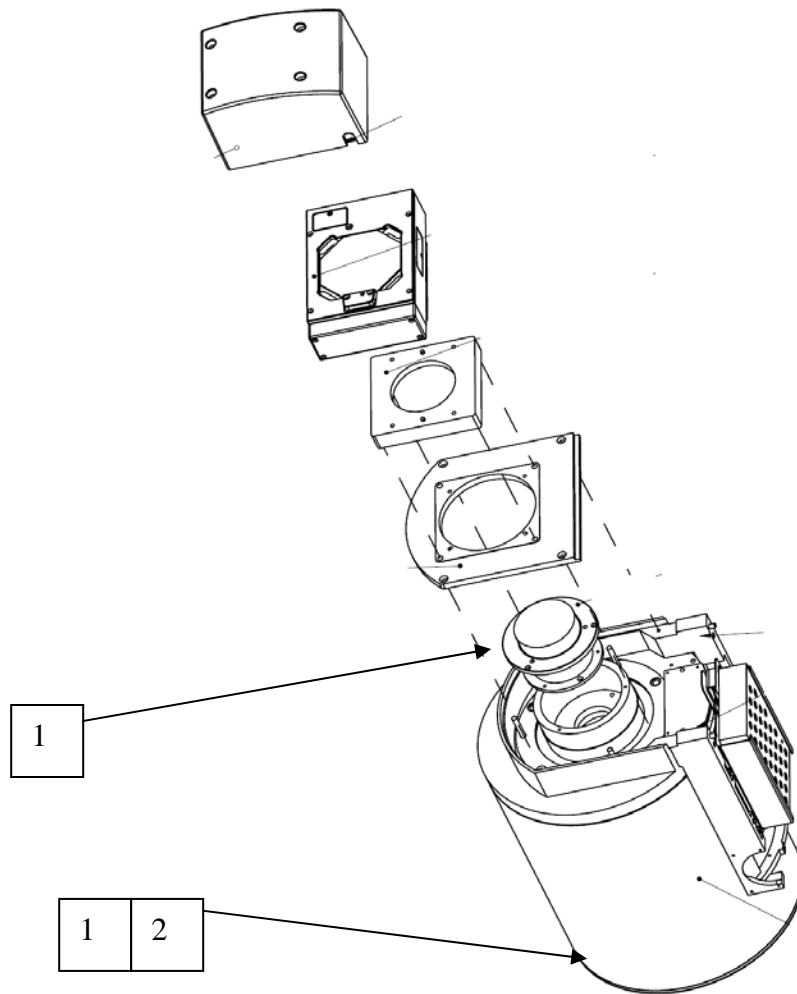
- II-TV: page 4-8**
- Grid: page 9**
- X-ray cover: page 10**
- X-ray tank: page 11-12**
- Collimator: page 13**
- Electronics: page 14**
- Display screens: page 15-19**

*Optional remote control
/viewpad; when present:*

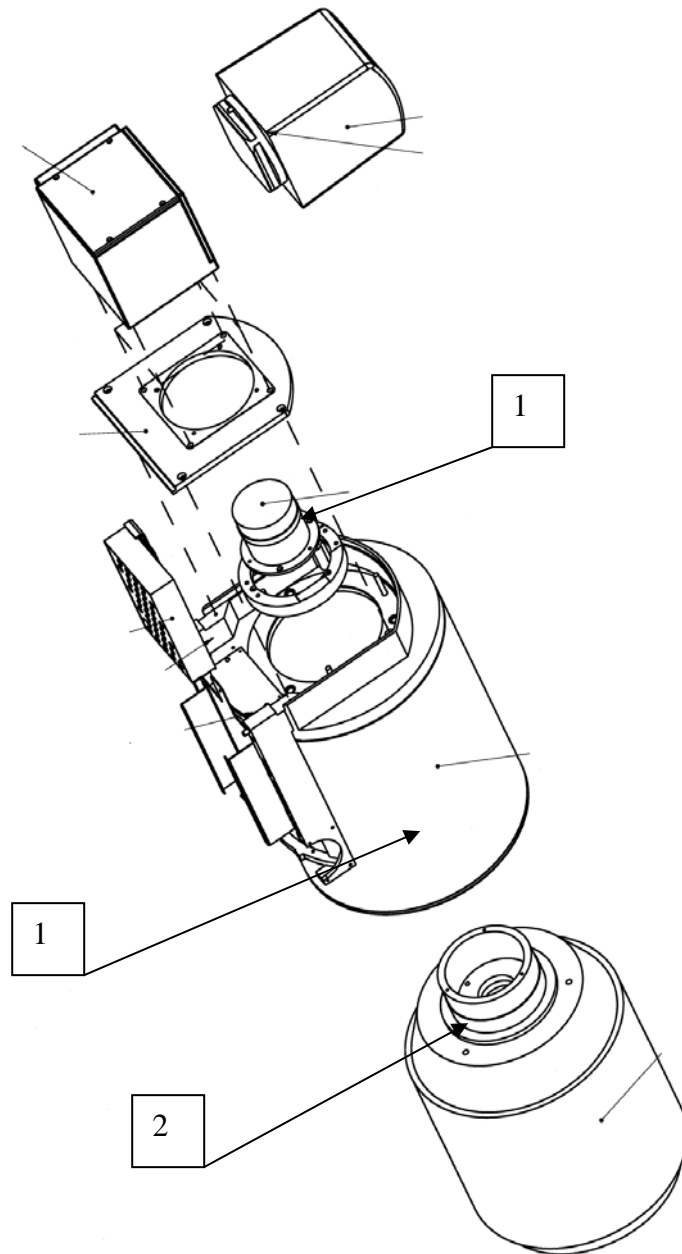


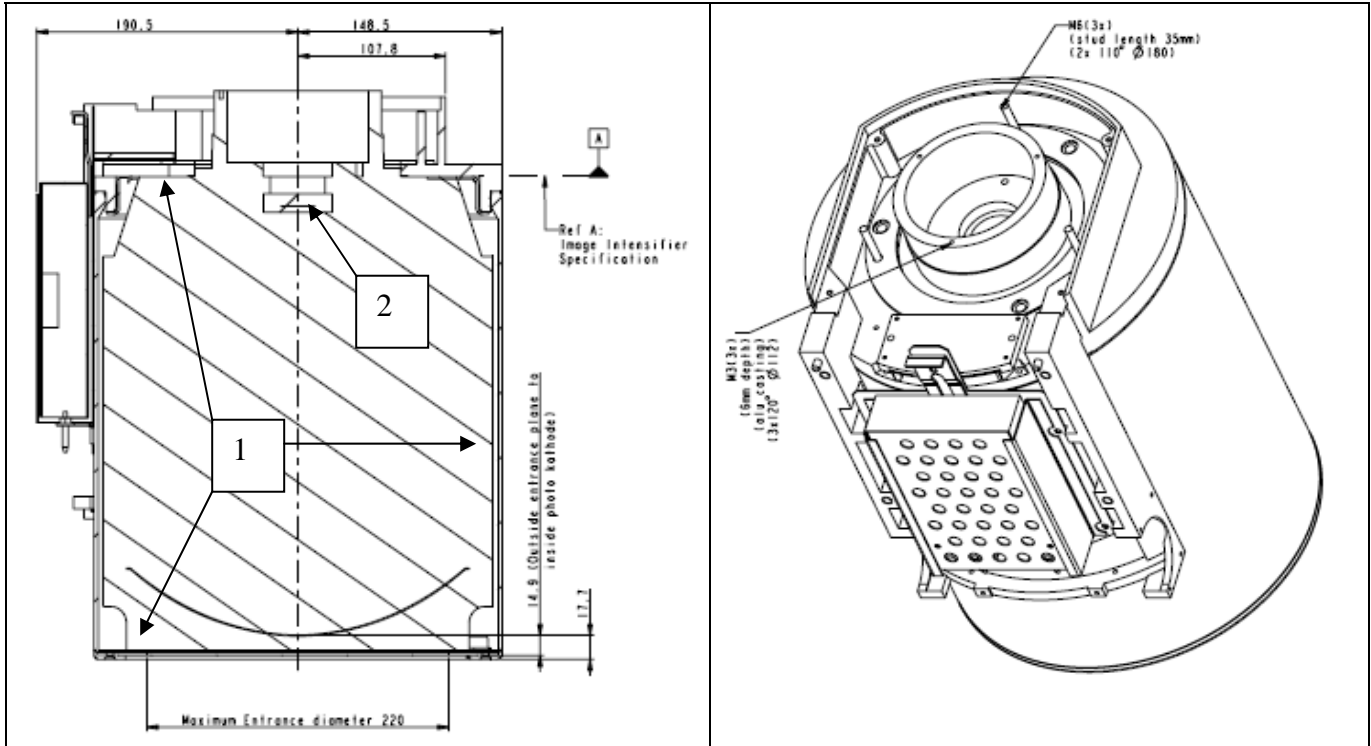
9" II-TV:

Recycle Info	Items:	Location
Special attention 	Before dismantling the vacuum II-Insert, drill a small hole to let air in the insert	
Hazardous  To be Removed	Substances:	Location
	Lead (Pb)	1, page 4-5
	Cadmium (Cd) inside the II-Insert on the glass output window.	2, page 4-5





See detail A

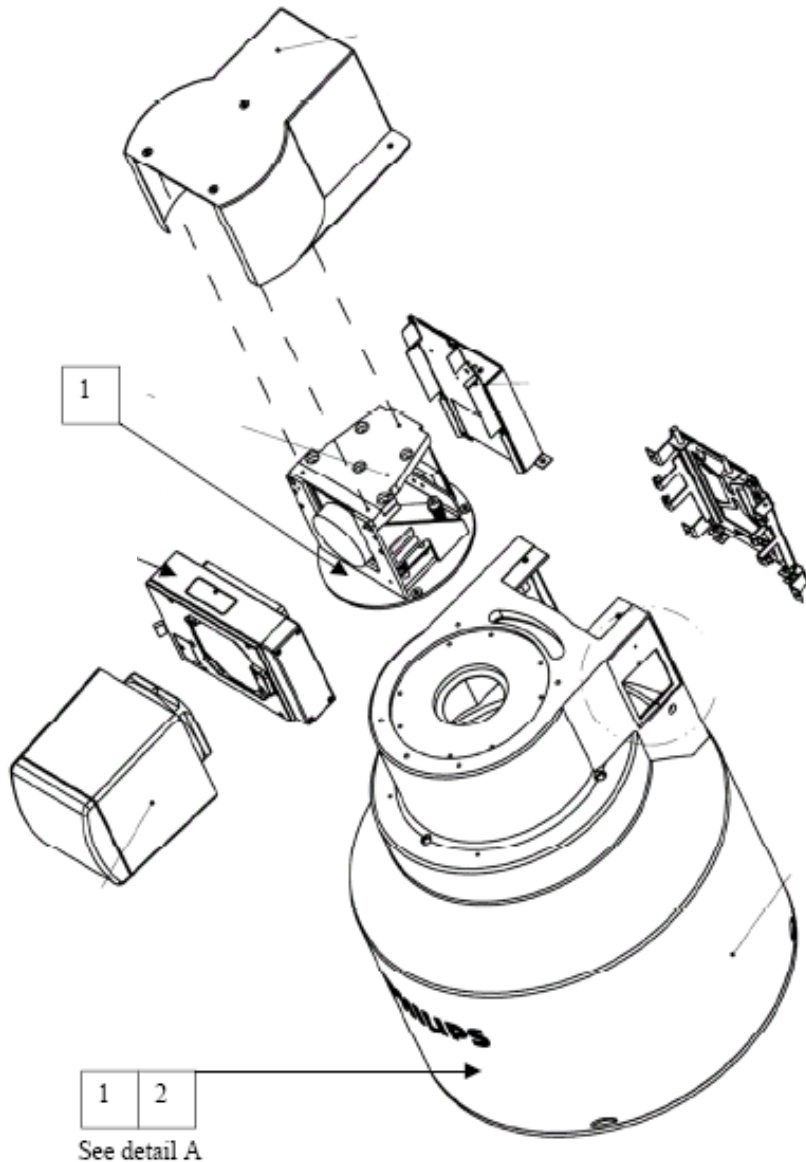




Detail A

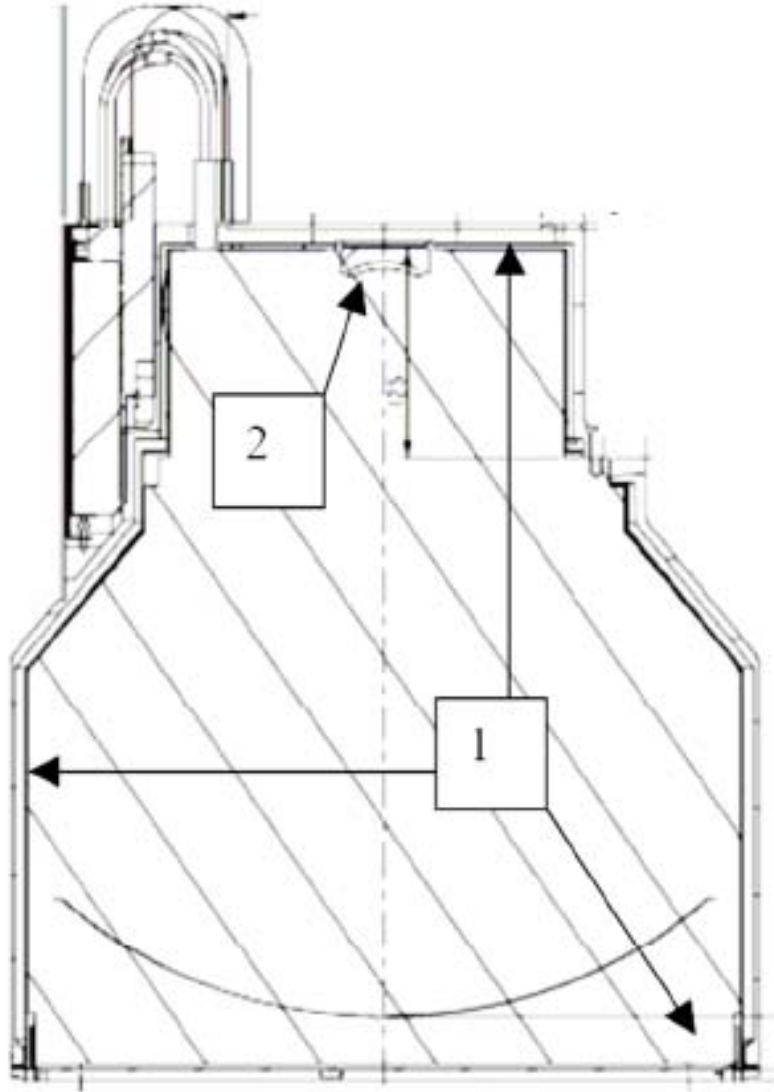
12" II-TV:

Recycle Info	Items:	Location
Special attention 	Before dismantling the vacuum II-Insert, drill a small hole to let air in the insert	
Hazardous  To be Removed	Substances: Lead (Pb) Cadmium (Cd) inside the II-Insert on the glass output window.	Location 1, page 7-8 2, page 7-8




Recycling Passport Number: DHF152100 Rev: 00

Copies are uncontrolled



Detail A

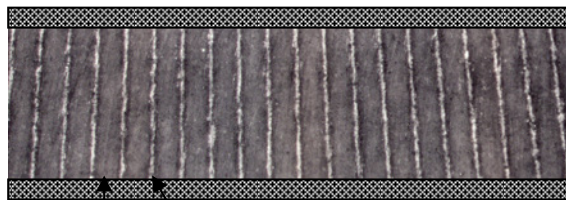
Grid:

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



Example larger and smaller grid (only 1 present in system)


Cross-section of grid:

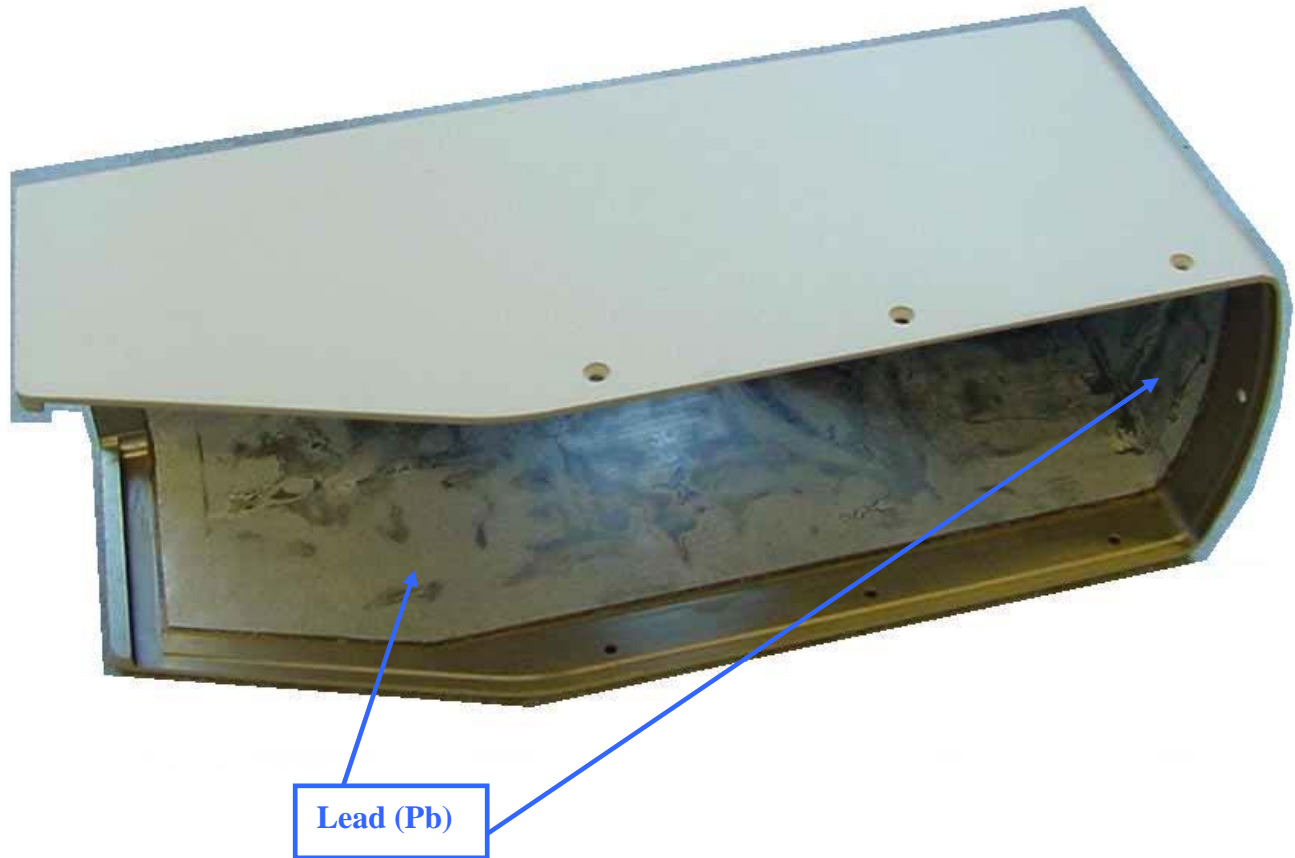


Paper
Interspace
Material


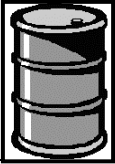

Lead

X-ray cover:

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



X-ray tank:

Recycle Info	Items:	Location								
Special attention 	<ul style="list-style-type: none"> Vacuum glass tube of X-ray tank can implode! 	See next figure 3 (2)								
Fluids / Gases 	Items: <ul style="list-style-type: none"> Transformer oil, type: Shell Diala (This HighVoltage-transformer oil contains no PCBs) 	See next figure 1 (1)								
Hazardous  To be Removed	Substances: <table border="1"> <tr> <td>Lead (Pb)</td> <td>See next figure 2 (1)</td> </tr> <tr> <td>Lead (Pb) / steel compound</td> <td>See next figure 2 (2)</td> </tr> <tr> <td>Lead (Pb) as x-ray shielding</td> <td>See next figure 3 (1)</td> </tr> <tr> <td>Lead (Pb) / steel compound</td> <td>See next figure 4 (1)</td> </tr> </table>	Lead (Pb)	See next figure 2 (1)	Lead (Pb) / steel compound	See next figure 2 (2)	Lead (Pb) as x-ray shielding	See next figure 3 (1)	Lead (Pb) / steel compound	See next figure 4 (1)	
Lead (Pb)	See next figure 2 (1)									
Lead (Pb) / steel compound	See next figure 2 (2)									
Lead (Pb) as x-ray shielding	See next figure 3 (1)									
Lead (Pb) / steel compound	See next figure 4 (1)									

steel, iron	iron, low alloy (<5%)	0,56	KG
	iron, high alloy (>5%)	0,36	KG
steel, iron		0,92	KG
nonferrous metals and alloys	aluminum, -alloy	5,87	KG
	copper, -alloy	0,052	KG
nonferrous metals and alloys		5,922	KG
glass / ceramics	glass	0,005	KG
glass / ceramics		0,005	KG
plastics / organic substances	oil	3,5	KG
	elastomer	0,53	KG
	thermoset	0,26	KG
	thermoplastic	0,22	KG
plastics / organic substances		4,51	KG
standard parts	other electronic powered devices	0,912	KG
	X-ray tubes	0,502	KG
	mounting parts, attaching part	0,091	KG
	printed circuit boards	0,04	KG
standard parts		1,545	KG
relevant materials	lead and -compounds (cables and Printed Circuit Boards excepted)	0,907	KG
relevant materials		0,907	KG
TOTAL:		13,809	KG

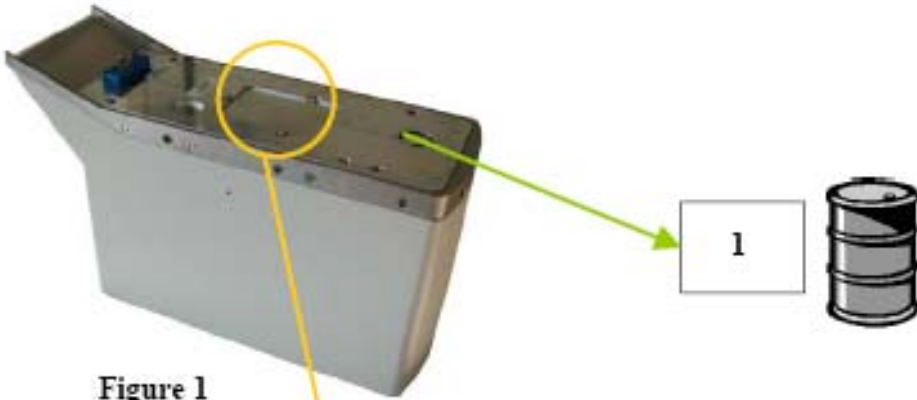


Figure 1

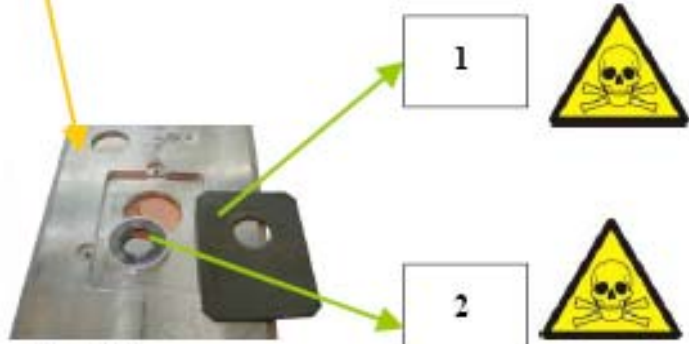


Figure 2

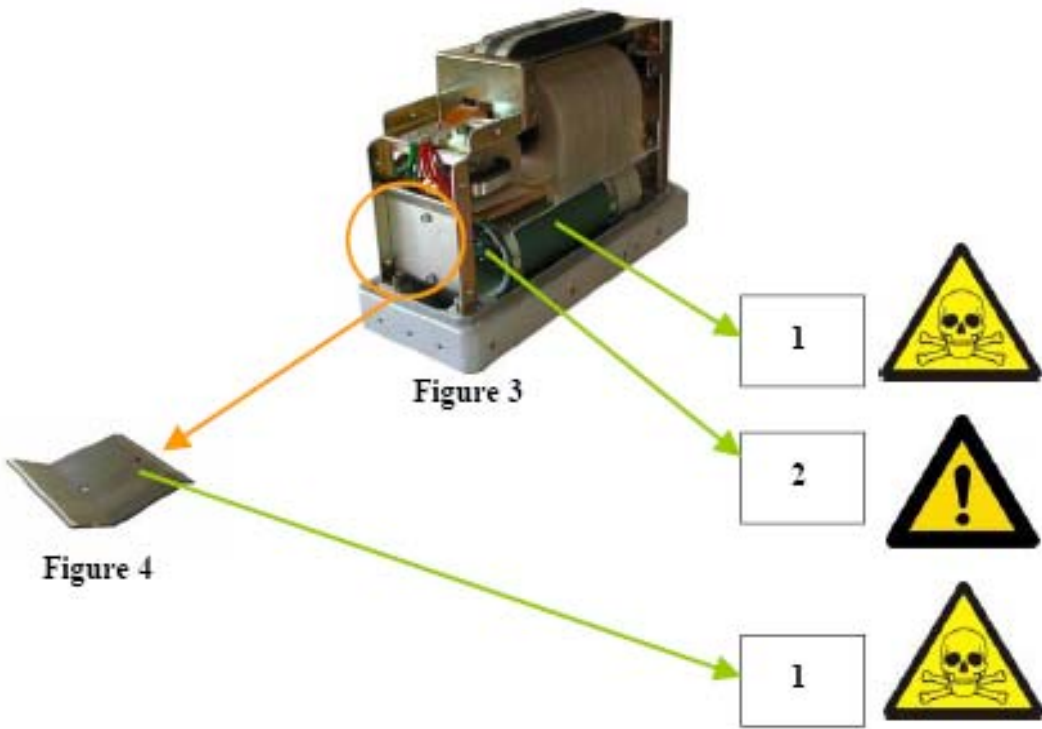

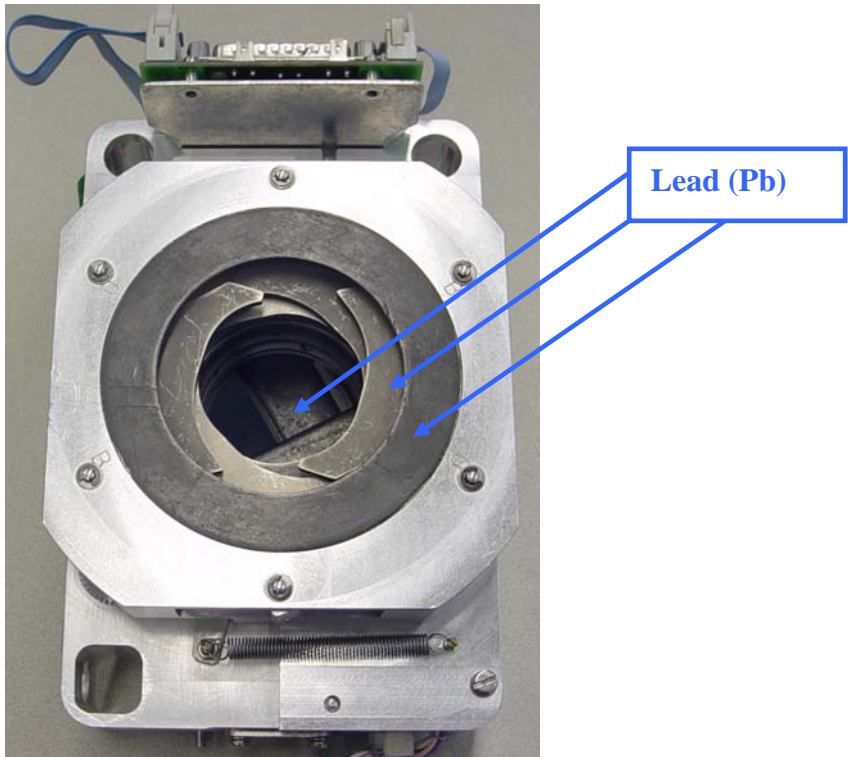
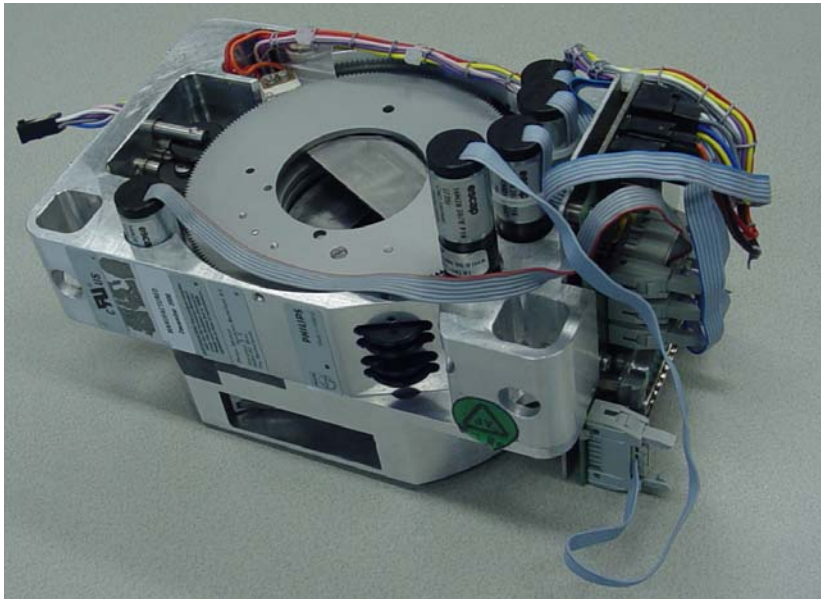



Figure 4

Collimator:

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




Electronics:

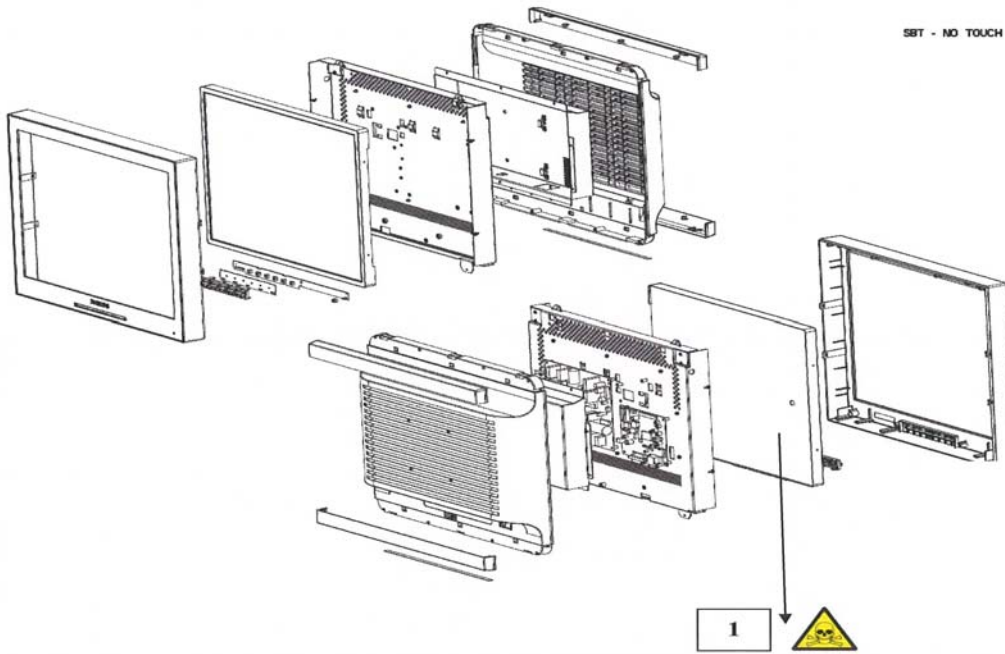
Batteries	Type:	Location
 <p>To be Removed</p>	CR2032 3.0V Lithium coin cell of 3.2 gram (when option “Dell PersonalComputer” [Philips-indication: Viewforum hardware] is present)	In Dell PC when present

Display screens:

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


LCD screen FIMI MCL190-SB/ 9919-322-5204x

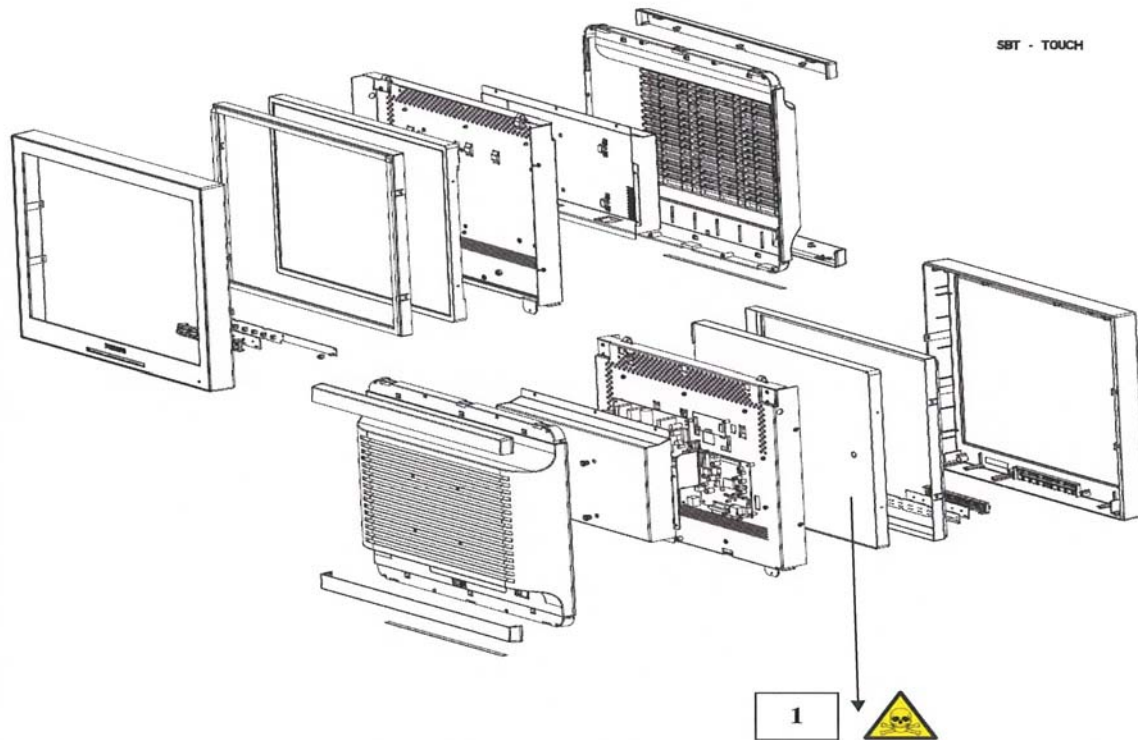
Hazardous  To be Removed	Substances:		Location
	Type	Quantity	
	Cd	RoHS compliant	
	Hg	RoHS compliant (*)	Figure below (item 1)
	Pb	RoHS compliant	
	Cr ⁶⁺	RoHS compliant	
	PBB	RoHS compliant	
	PBDE	RoHS compliant	
	(*) Mercury is present in backlight lamps: 2.5mg x 4 lamps = 10mg		



Material		
Fe	1000 g	Mechanical Chassis
Al	680 g	Mechanical Chassis
Cu	50 g	Cables
Plastics	1285 g	Enclosure
Boards (S² > 10cm²)	247 cm ² / 280 g	S.M.P.S.
	110 cm ² / 76 g	Mother Board
	48 cm ² / 20 g	Keyboard
LCD	3030 g	19" LCD Panel


LCD screen FIMI MCL190-SBT/ 9919-322-5205x

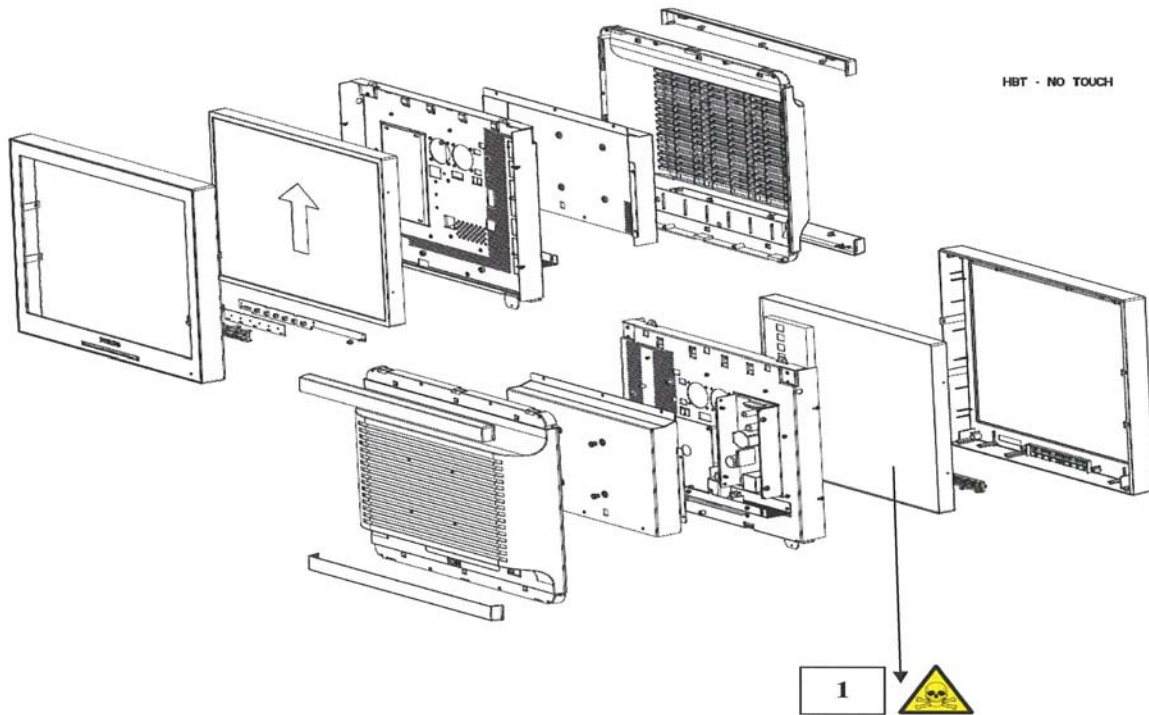
Hazardous  To be Removed	Substances:		Location
	Type	Quantity	
	Cd	RoHS compliant	
	Hg	RoHS compliant (*)	Figure below (item 1)
	Pb	RoHS compliant	
	Cr ⁶⁺	RoHS compliant	
	PBB	RoHS compliant	
	PBDE	RoHS compliant	
	(*) Mercury is present in backlight lamps: 2.5mg x 4 lamps = 10mg		



Material		
Fe	1000 g	Mechanical Chassis
Al	1080 g	Mechanical Chassis
Cu	50 g	Cables
Plastics	1285 g	Enclosure
Boards (S² > 10cm²)	247 cm ² / 280 g	S.M.P.S.
	110 cm ² / 76 g	Mother Board
	48 cm ² / 20 g	Keyboard
	10.5 cm ² / 10g	USB Interface
	21 cm ² / 20g	Touch Controller
LCD	3030 g	19" LCD Panel


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

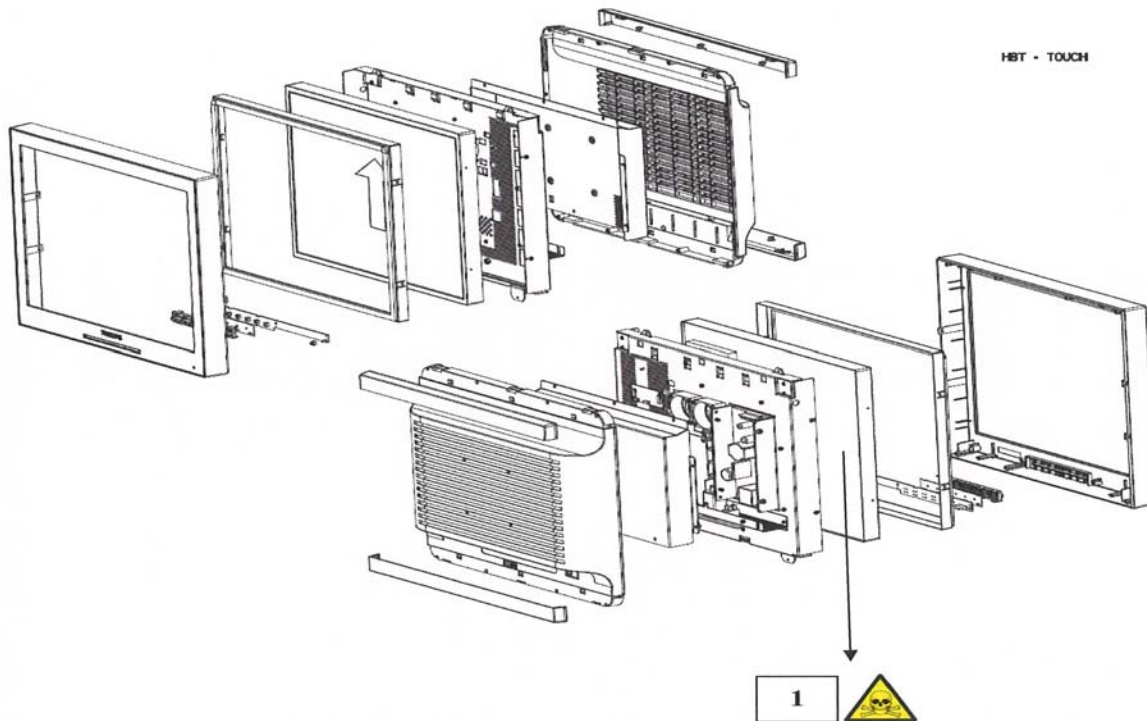
Hazardous  To be Removed	Substances:		Location
	Type	Quantity	
	Cd	RoHS compliant	
	Hg	RoHS compliant (*)	Figure below (item 1)
	Pb	RoHS compliant	
	Ci ⁶⁺	RoHS compliant	
	PBB	RoHS compliant	
	PBDE	RoHS compliant	
(*) Mercury is present in backlight lamps: 2.5mg x 14 lamps = 35mg			



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	S.M.P.S.
	201 cm ² / 115 g	Mother Board
	48 cm ² / 48 g	Keyboard
	270 cm ² / 100g	Inverter
	60 g	Miscellaneous
LCD	1700 g	19" LCD Panel

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

Hazardous  To be Removed	Substances:		Location
	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	S.M.P.S.
	201 cm ² / 115 g	Mother Board
	48 cm ² / 48 g	Keyboard
	270 cm ² / 100g	Inverter
	10.5 cm ² / 10g	USB Interface
	21 cm ² / 20g	Touch Controller
	60 g	Miscellaneous
LCD	1700 g	19" LCD Panel