

Special Warranty Terms for High-Vacuum Elements (HVE), Flat Detectors (FD) and SPECT Detectors – Exports**Siemens Healthineers**

Valid as of April 01, 2020

1. These Special Warranty Terms shall apply to the high-vacuum elements (hereinafter called HVE), to the flat detectors (hereinafter called FD) and spect detectors (hereinafter called SPECT) listed in the tables below.
2. For HVE/FD/SPECT which at the time of delivery show defects in material or manufacturing defects, we shall rectify any such defect by providing faultless HVE/FD/SPECT (replacement delivery).
3. The replacement shall be delivered FCA Frankfurt am Main (Incoterms 2020) at the replacement price valid on the day of its readiness for dispatch, unless otherwise agreed. If the defective HVE/FD/SPECT is returned in time, the purchaser shall receive a credit on the replacement price as listed in the tables below.
4. Within a period of four weeks from replacement delivery, the defective HVE/FD/SPECT shall be sent by the customer at no extra charge and freight prepaid to the address determined by us, unless otherwise agreed. Returned HVE/FD/SPECT become our property.
5. The amount of the credit shall be calculated at a graduated rate by considering the period and intensity of use and the average benefit derived from the previous use of the defective HVE/FD/SPECT in percent of the replacement price, in accordance with the table shown below.
6. Under the percentage in the respective column of the below table, the maximum period and intensity of use (prerequisite) is indicated, within this range the respective percentage is applicable. The period of use shall begin on the day of the initial start-up of the defective HVE/FD/SPECT, however, at the latest with expiry of the 3rd month from the transfer of risk to the purchaser. If several (measurable) prerequisites are stated in a field of the table shown below, all of these have to be fulfilled. If the prerequisites of any field are not fulfilled, a credit shall not be provided.
7. HVE/FD/SPECT are wearing parts which must be replaced on a regular basis due to normal wear and tear. If HVE/FD/SPECT fail as a result of normal wear and tear no warranty claims exist. We are entitled to reimbursement of our inevitable costs if the purchaser gives notice to us of a warranty claim that is obviously not justified.
8. In addition, our General Conditions of Supply and Delivery - Exports – Siemens Healthineers – apply.

Table 1 for Credit according to the Special Warranty Terms for High-Vacuum Elements (HVE) – Exports

Type	Credit based on Replacement Price		
	100 %	70 %	40 %
DURA -181, -202, -303, -352	up to max. 6 months up to max. 40.000 scan sec	up to max. 9 months up to max. 80.000 scan sec	up to max. 12 months up to max. 130.000 scan sec
DURA AKRON B tubes	up to max. 6 months up to max. 40.000 scan sec	up to max. 9 months up to max. 80.000 scan sec	up to max. 12 months up to max. 150.000 scan sec
DURA AKRON Q tubes	up to max. 6 months up to max. 30.000 scan sec	up to max. 9 months up to max. 60.000 scan sec	up to max. 12 months up to max. 120.000 scan sec
Chronon tubes	up to max. 6 months up to max. 55.000 scan sec	up to max. 9 months up to max. 110.000 scan sec	up to max. 12 months up to max. 200.000 scan sec
Athlon tubes	up to max. 6 months up to max. 55.000 scan sec	up to max. 9 months up to max. 110.000 scan sec	up to max. 12 months up to max. 200.000 scan sec
DURA 422 tubes	up to max. 6 months up to max. 55.000 scan sec	up to max. 9 months up to max. 110.000 scan sec	up to max. 12 months up to max. 200.000 scan sec
DURA 688 tubes	up to max. 6 months up to max. 55.000 scan sec	up to max. 9 months up to max. 110.000 scan sec	up to max. 12 months up to max. 200.000 scan sec
STRATON tubes	up to max. 12 months	not applicable	not applicable
VECTRON tubes	up to max. 12 months	not applicable	not applicable
MEGALIX CM tubes	up to max. 6 months up to max. 40.000 LU*	up to max. 9 months up to max. 60.000 LU*	up to max. 12 months up to max. 80.000 LU*
MEGALIX Cat tubes	up to max. 12 months up to max. 80.000 LU*	up to max. 18 months up to max. 120.000 LU*	up to max. 24 months up to max. 160.000 LU*
MEGALIX Cat Plus tubes	up to max. 12 months up to max. 80.000 LU*	up to max. 18 months up to max. 120.000 LU*	up to max. 24 months up to max. 160.000 LU*
Gigalix tubes	up to max. 12 months up to max. 100.000 LU**	up to max. 18 months up to max. 150.000 LU**	up to max. 24 months up to max. 200.000 LU**
OPTITOP tubes	up to max. 12 months up to max. 40.000 LU**	up to max. 18 months up to max. 60.000 LU**	up to max. 24 months up to max. 80.000 LU**
OPTILIX, BIANGULIX, mammography and single-tank tubes	up to max. 12 months up to max. 20.000 LU**	up to max. 18 months up to max. 30.000 LU**	up to max. 24 months up to max. 40.000 LU**
OPTIPHOS single-tank	up to max. 12 months up to max. 20.000 LU**	up to max. 18 months up to max. 30.000 LU**	up to max. 24 months up to max. 40.000 LU**
POWERPHOS MONOBLOCK	up to max. 6 months up to max. 40.000 BE***	up to max. 9 months up to max. 60.000 BE***	up to max. 12 months up to max. 80.000 BE***
Image intensifier tubes	up to max. 12 months	up to max. 18 months	up to max. 24 months
Camera and monitor tubes	up to max. 6 months	up to max. 9 months	up to max. 12 months
All XP Mammography screening monitors	up to max. 24 months	up to max. 30 months	up to max. 36 months
Control triodes for generators	up to max. 6 months	up to max. 9 months	up to max. 12 months
According to mode of operation corresponds to 1 Load Unit (LU)	*	**	***
	1 Exposure	1 Exposure	1 Exposure ≈ 1 kW
	2 sec cine, DSA, DR, DCM	1 sec cine, DSA, DR, DCM	0.5 sec DR-EB, DCM
	15 sec DPF (pulsed fluoroscopy)	7 sec DPF (pulsed fluoroscopy)	2 sec DPF (pulsed fluoroscopy > 2p/s) 5 sec DL, SUB DR, Roadmap, DPF (pulsed fluoroscopy ≤ 2p/s)

Table 2 for Credit according to the Special Warranty Terms for Flat Detectors (FD) – Exports

Type	Credit based on replacement price			
	100 %	70 %	40 %	20 %
All Angio Detectors	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months
CSX-20	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months
All XP Rad Detectors - static	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months
All XP Rad Detectors - mobile	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months
All XP Fluoro Detectors	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months
Mammomat Inspiration Detector (Part: 10501286) (Part: 10501285) (Part: 10643085) (Part: 10139688) (Part: 10139680)	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months
Novation Detector	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months
Mammomat Fusion Detector (Part: 10549872)	up to max. 12 months	up to max. 18 months	up to max. 24 months	up to max. 36 months

Table 3 for Credit according to the Special Warranty Terms for Spect Detectors (SPECT) – Exports

Type	Credit based on Replacement Price	
	100 %	
3/8 High Resolution		up to max. 12 months
5/8 Ultra High Efficiency		up to max. 12 months
1" High Performance		up to max. 12 months
3/8 PAD 2 Hi Res		up to max. 12 months
5/8 PAD 2 Ultra High Eff		up to max. 12 months
3/8 PAD 1 e.cam		up to max. 12 months
5/8 Ultra High Efficiency		up to max. 12 months
1" High Performance		up to max. 12 months
3/8 PAD 2 Symbia Hi Res		up to max. 12 months
5/8 PAD 2 Symbia High Res		up to max. 12 months
3/8 Foresight e.cam		up to max. 12 months
5/8 Foresight e.cam		up to max. 12 months
3/8 Foresight Symbia		up to max. 12 months