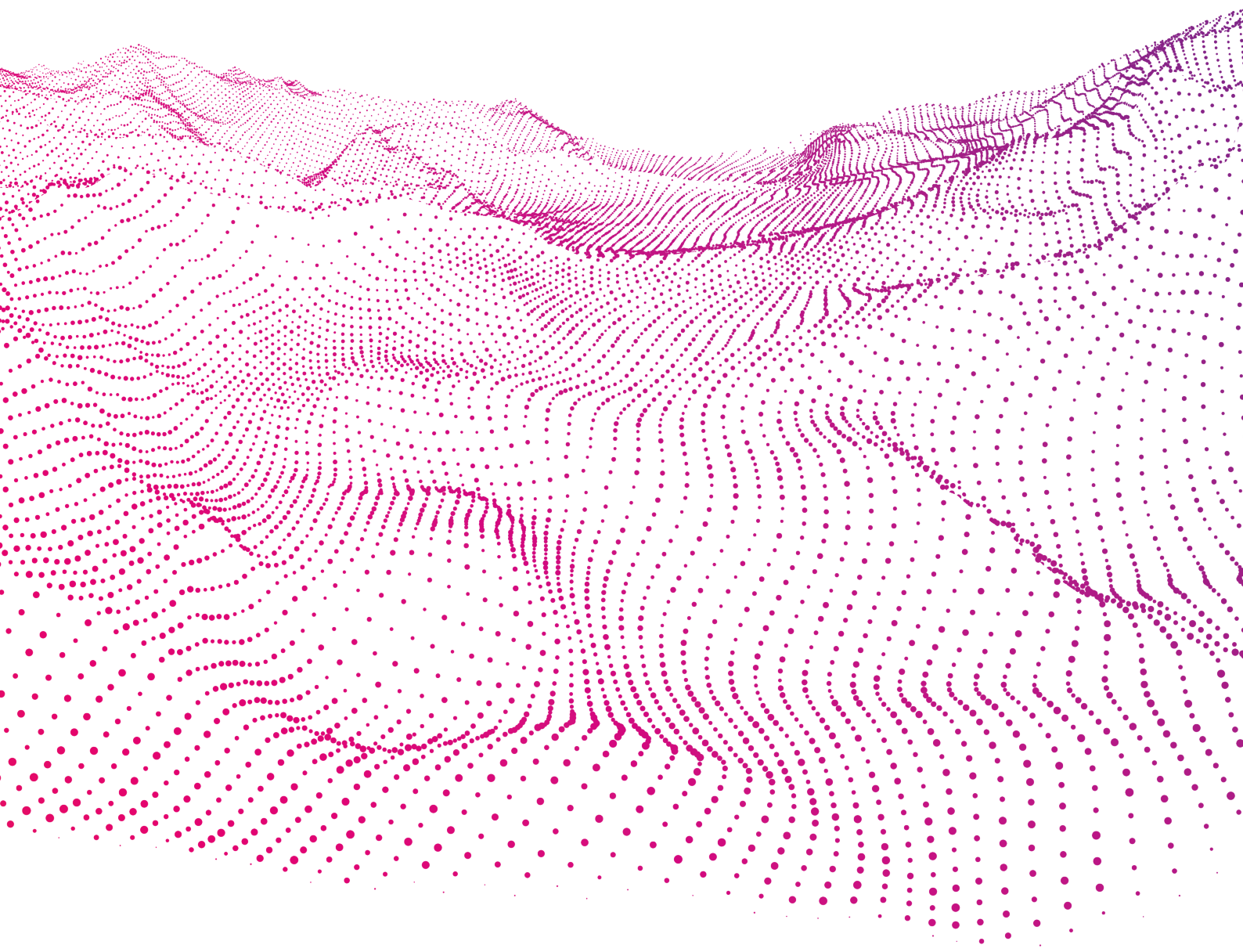


Industrial X-Ray

Accessory Catalogue



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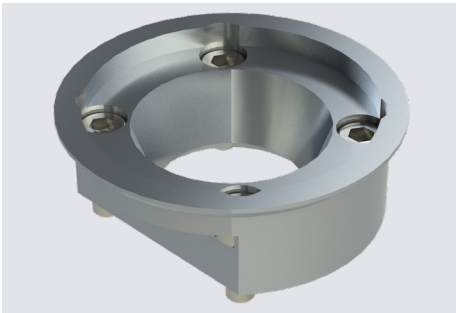
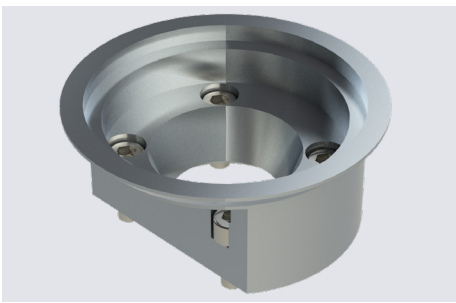
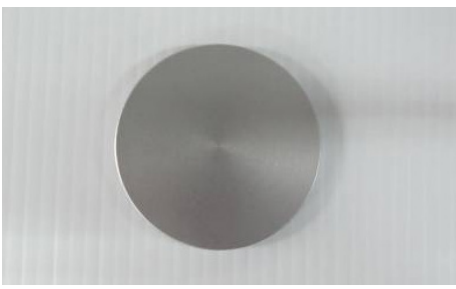
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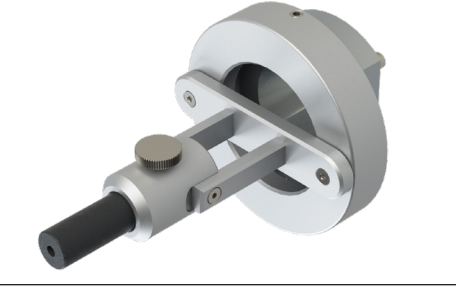
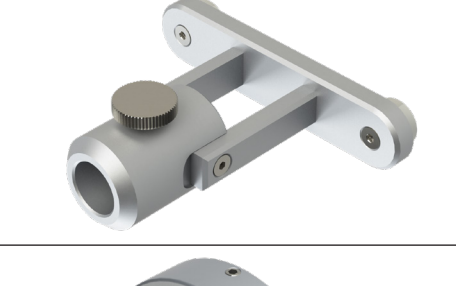
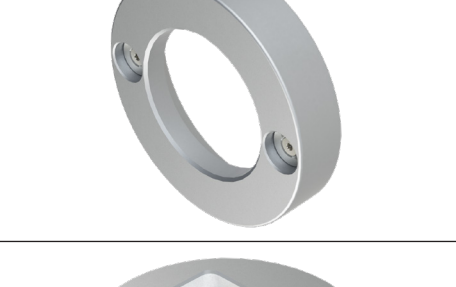
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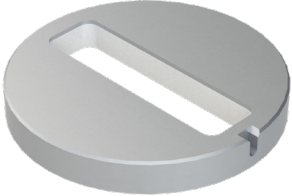
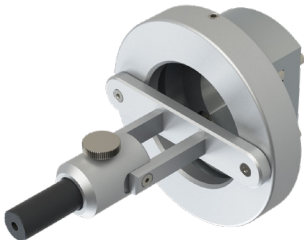
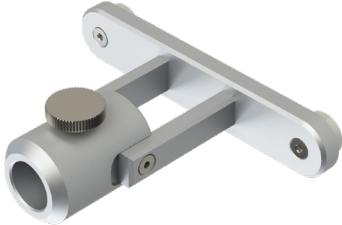
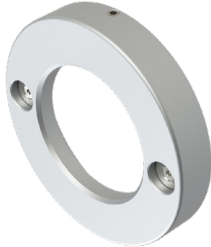
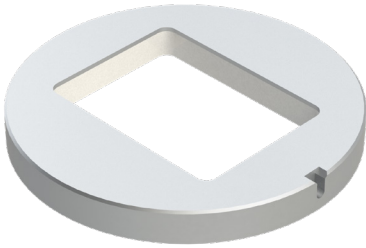
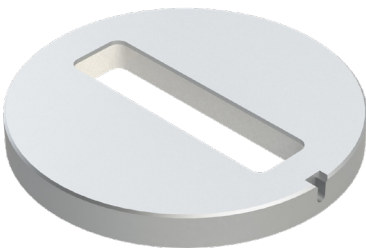
1	Accessories for unipolar MXR tubes	4
2	Accessories for unipolar CXR tubes	9
3	Accessories for bipolar MXR tubes	10
4	Accessories for water coolers	17
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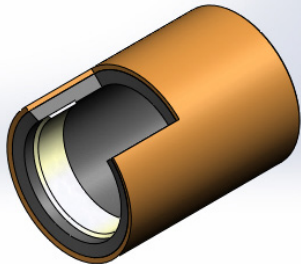
1 Accessories for unipolar MXR tubes

Part No	Description	Used in	Pic
20087634	Water connection fitting d = 6mm Brass	MXR-75...228	
633117	Water connection fitting d = 8mm	MXR-75...228	
633142	Water connection fitting d = 10mm	MXR-75...228	
20101596	Water connection fitting d = 10mm Brass	MXR-75...228	
633164	Water connection fitting d = 13mm	MXR-75...228	

Part No	Description	Used in	Pic
20085386	Water connection 45°, d= 13mm	MXR-75...228	
20137138	Window flange	MXR-160	
621413	Filter plate anodized thickness = 3mm	MXR-160	
20137139	Window flange	MXR-225	
621414	Filter plate anodized thickness = 4mm	MXR-225	

Part No	Description	Used in	Pic
622113	Protective plug	R24 / R28 socket	
622124	Protective plug	R30 socket	
20133908	Laser centering device	MXR-160	
20133912	Laser attachment	MXR-160	
20133916	Aperture holder	MXR-160	
20133920	Aperture 40x30 (6mm Lead)	MXR-160	

Part No	Description	Used in	Pic
20133921	Aperture 48x13 (6mm Lead)	MXR-160	
20133909	Laser centering device	MXR-225	
20133913	Laser attachment	MXR-225	
20133917	Aperture holder	MXR-225	
20133922	Aperture 45x34 (6mm Lead)	MXR-225	
20133923	Aperture 54x14 (6mm Lead)	MXR-225	

Part No	Description	Used in	Pic
20138666	Laser DC650-0.4-4.5 (14x64)-S-AP	Laser centering device 20133908 20133909 20133910 20133911	
938002 938003 938004 938005	Collimator 60° Collimator 90° Collimator 120° Collimator 180°	MXRP-160C	

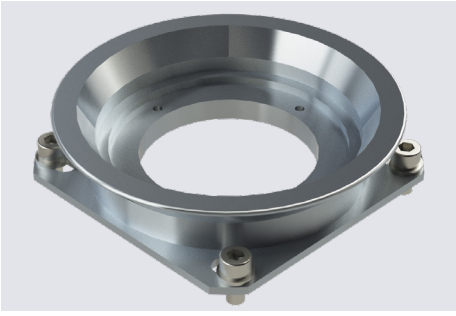
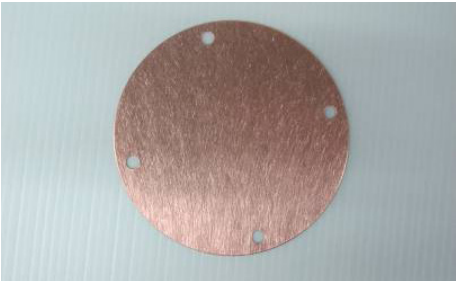
2 Accessories for unipolar CXR tubes

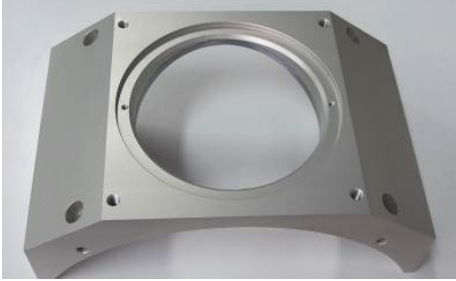
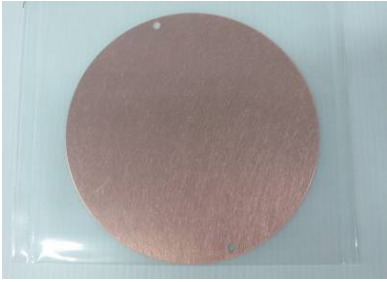
Part No	Description	Used in	Pic
622106	Protective plug	CXR tubes	
633153	Fitting for water connection for hose ID 8mm	CXR tubes	

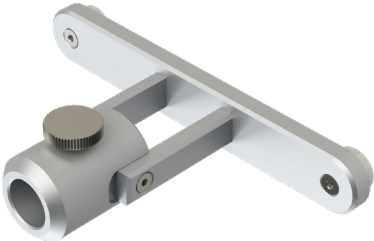
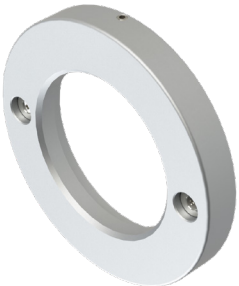
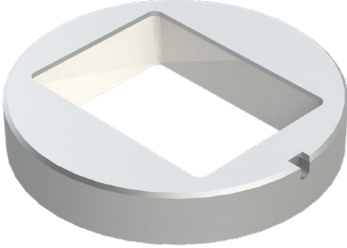
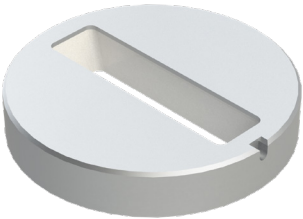
3 Accessories for bipolar MXR tubes

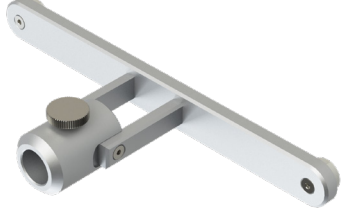
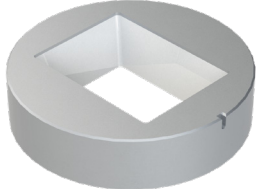
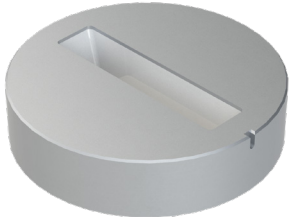
Part No	Description	Used in	Pic
4512-104-48351	Oil hose quick connection, inlet side, length 915mm	All Comet bipolar tubes	
4512-104-48361	Oil hose quick connection, outlet side, length 915mm	All Comet bipolar tubes	
20070333	Male Oil hose quick connection 90°, length 915mm	All Comet bipolar tubes	
20070336	Female Oil hose quick connection 90°, length 915mm	All Comet bipolar tubes	
20064830	O-ring for oil hoses 915mm	All Comet bipolar tubes	

Part No	Description	Used in	Pic
20067175	Swage nipple	All Comet bipolar tubes	
633119	Protection cap	All Comet bipolar tubes	
10011092	Sealing washer	Old version oil hoses 915mm Protectionon cap 633119 Oil hose connection 633149	
633149	Oil hose connection 90°	For bipolar tubes	

Part No	Description	Used in	Pic
622113	Protective plug	R24 / R28 socket	
622124	Protective plug	R30 socket	
20137140	Window flange 320	MXR-320	
621427	Radiation filter Cu 0.5mm	MXR-320	
621426	Radiation filter AL 3mm	MXR-320	

Part No	Description	Used in	Pic
621424	Window flange	MXR-450	
621443	Radiation filter AL 3mm	MXR-450	
621444	Radiation filter CU 0.5mm	MXR-450	

Part No	Description	Used in	Pic
20133910	Laser centering device	MXR-320	
20133914	Laser attachment	MXR-320	
20133918	Aperture holder	MXR-320	
20133924	Aperture 62x46 (13mm Lead)	MXR-320	
20133925	Aperture 72x18 (13mm Lead)	MXR-320	

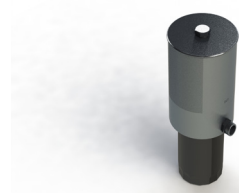
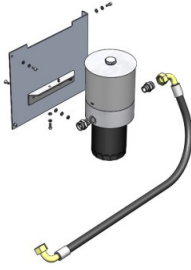
Part No	Description	Used in	Pic
20133911	Laser centering device	MXR-450/600	
20133372	Adapter set window flange	MXR-450/600	
20133915	Laser attachment	MXR-450/600	
20133919	Aperture holder	MXR-450/600	
20133926	Aperture 90x68 (30mm Lead)	MXR-450/600	
20133927	Aperture 108x24 (30mm Lead)	MXR-450/600	

Part No	Description	Used in	Pic
20138666	Laser DC650-0.4-4.5 (14x64)-S-AP	Laser centering device 20133908 20133909 20133910 20133911	
20108809	Oil test kit	For oil test	

4 Accessories for water coolers

Part No	Description	Used in	Pic
10009223	Lock nipple inlet male for hose inner diameter 13mm	XRC ... WA XRC ... WW Thermica-10-WA	
10009222	Lock nipple inlet female for hose inner diameter 13mm	XRC ... WA XRC ... WW Thermica-10-WA	
2912-007-03166	Lock nipple inlet male for hose inner diameter 8mm	XRC ... WA XRC ... WW	
2912-007-03168	Lock nipple inlet female for hose inner diameter 8mm	XRC ... WA XRC ... WW	
20120694	GLYSANTIN G40 Ready Mix/50 10 liter can	XRC ... WA XRC ... WW	

5 Accessories for oil coolers

Part No	Description	Used in	Pic
20073964	Oil molecular filter unit (OMF) with connection hose nipple	All Comet XRC-45xx-OA and XRC-45xx-OW	
20122009	Oil molecular filter with connection G-1/2"/M26x1.5	All Comet XRC-45xx-OA and XRC-45xx-OW	
20032933	Service kit for OMF	All Comet XRC-45xx-OA and XRC-45xx-OW	
10009817	OMF incl. mounting material for XRC-45xx-OA	All Comet XRC-45xx-OA	
10009818	OMF incl. mounting material for XRC-45xx-OW	All Comet XRC-45xx-OW	
622219	Granulate molecular filter for OMF	Spare granulate for OMF	

Part No	Description	Used in	Pic
980001	Paper filter for OMF	All Comet XRC-45xx-OA and XRC-45xx-OW	
20082759	Oil can, 5 liter, processed Shell Diala S4 ZX-I (currently unavailable)	All Comet oil coolers	
20150872	Oil can, 5 liter, processed NYNAS Nytro 4000X	All Comet oil coolers	
5312-480-58405	Oil filter spare cartridge (positioned at the inside of cooler)	All Comet oil coolers	
4512-103-34901	Cannon plug, 12 pol.	Required for non-Comet coolers	

Part No	Description	Used in	Pic
633157	Parker quick coupling female nipple FS-251-4FP	XRC ... WA XRC ... WW	
633158	Parker quick coupling male nipple FS-252-4FP	XRC ... WA XRC ... WW	
20137089	Elbow fitting	Thermica-10-WA	
10009352.02	Cooling hose inlet male 2m	XRC ... WA XRC ... WW	
10009352.03	3m		
10009352.05	5m		
10009352.10	10m		
10009352.15	15m		
10009352.20	20m		
10009352.25	25m		
10009352.30	30m		
	Cooling hose outlet female		
10009353.02	2m		
10009353.03	3m		
10009353.05	5m		
10009353.10	10m		
10009353.15	15m		
10009353.20	20m		
10009353.25	25m		
10009353.30	30m		

Part No	Description	Used in	Pic
9421-166-96052	Set of oil hoses	All Comet	
9421-166-96102	5m	XRC-45xx-OA and	
9421-166-96152	10m	XRC-45xx-OW	
9421-166-96152	15m		
9421-166-96202	20m		
20064140	25m		
9421-166-96302	30m		
9421-166-96402	40m		
20079637	Angled screw coupling 90°/M26x1.5	All Comet XRC-4523-OA and XRC-4523-OW	

6 Cables for coolers

Part No	Description	Used in	Pic
20087853	Power cables for new generation coolers (Variofocus) 5m	XRC-3023-WA XRC-3023-WW XRC-4523-OA XRC-4523-OW	
20087854	10m		
20087855	15m		
20087856	20m		
20103728	25m		
20103729	30m		
20089594	Power cable for new generation coolers (iVario generator) 5m	XRC-3023-WA XRC-3023-WW XRC-4523-OA XRC-4523-OW	
20089595	10m		
20103738	15m		
20103739	20m		
20103740	25m		
20089596	30m		
20129495	Control cable for new generation coolers (iVario generator) 5m	XRC-3023-WA XRC-3023-WW XRC-4523-OA XRC-4523-OW	
20129496	10m		
20129497	15m		
20129498	20m		
20129499	25m		
20129500	30m		
20129504	Cooler interface with control cable 5m Power supply cable length 5m	iVario generator	
20129506	10m		
20129507	15m		
20129508	20m		
20129509	25m		
20129510	30m		

Part No	Description	Used in	Pic
	Power cables for Thermica-10-WA	Thermica-10-WA	
20135916	5m		
20135917	10m		
20135918	15m		
20135919	20m		
20135920	25m		
20135921	30m		
	Signal cables for Thermica-10-WA	Thermica-10-WA	
20135909	5m		
20135911	10m		
20135912	15m		
20135913	20m		
20135914	25m		
20135915	30m		

7 Accessories/ tools for generators

Part No	Description	Used in	Pic
20083937	Dummy plug R24SL connected	For 160kV and 320kV	
20083938	Dummy plug R28SL connected	For 225kV and 450kV	
20034567	Dummy plug R30 connected	300kV	
20083940	Dummy plug R28SL	225kV VarioFocus and MesoFocus	
20047292	LED warning lamp red	Generators with 24VDC lamp connection	
20047293	LED warning lamp yellow		
20050168	LED warning lamp transparent		

Part No	Description	Used in	Pic
	USB optical interface kit	XRG-100 XRG-600	
20088240	5m		
20088241	10m		
20088242	15m		

8 Accessories for iVario generators

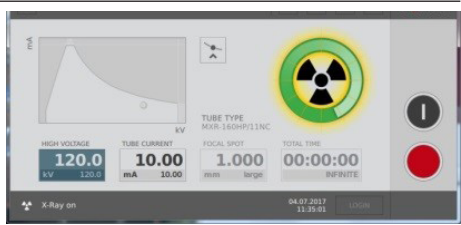
Part No	Description	Used in	Pic
20103777 20091327 20103778 20103779 20103780 20091329	AUX & MAINS cable kit 5m 10m 15m 20m 25m 30m	iVario generator	
20089407	Dummy plug X12 (dummy plug E-stop) D-Sub 26 male	iVario generator	
20099018	Plug X12 (plug E-stop) D-Sub 26 male	iVario generator	
20129512	Dummy plug X11 D-Sub (dummy plug safety interface)	iVario generator	
20129511	Plug X11 D-Sub (plug safety interface)	iVario generator	

Part No	Description	Used in	Pic
20129494	Plug for cooler X9 D-Sub	iVario generator	
	Extension cable RS232	iVario generator	
20112276	4.5m		
20063256	10m		
20112277	15m		

9 Options for iVario generator

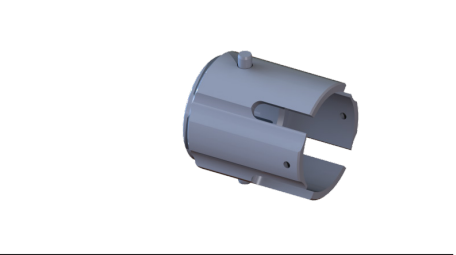
Part No	Description	Used in	Pic
20133589	iCover IP21	iVario generator	
20115407	iCover IP54 service kit (incl. blind plate)	iVario generator	
20122437	iCover IP54 filterset (10 pieces)	iVario generator	

Part No	Description	Used in	Pic		
	Controller with Configuration Remark: Cabels are not included in the controller!				
	Config-uration	Emer-gency stop			
		X-ray LED			
		Pre-warn LED			
20106319	C1	No		Red	Blue
20107576	C2	Yes		Red	Blue
20108210	C3	No		Yellow	Blue
20111262	C4	Yes		Yellow	Blue
20108108	C5	No		Red	Red
	C6	Yes	Red	Red	
	C7	No	Yellow	Red	
20116410	C8	Yes	Yellow	Red	
	Ethernet patch cable	iVario generator			
	RJ45				
20106710	5m				
20083891	10m				
20106711	15m				
20106712	20m				
20106713	25m				
20105081	30m				
20108504	40m				
20112210	50m				

Part No	Description	Used in	Pic
20106706	Signal cable D-Sub 26 m-f 5m	iVario generator	
20105003	10m		
20106707	15m		
20106708	20m		
20106709	25m		
20105004	30m		
20108525	40m		
20112211	50m		
20106693	Controller cable kit 5m	iVario generator	
20089506	10m		
20106694	15m		
20106704	20m		
20106705	25m		
20089505	30m		
20108597	40m		
20112209	50m		
20129892	Starter kit D-Sub	iVario generator	
20089510	iVario control software	iVario generator	

Part No	Description	Used in	Pic
20089504	Controller mounting bracket	iVario generator	
20109784	External safety factory configuration Customer configuration order with checklist	iVario generator	

10 Accessories for cables

Part No	Description	Used in	Pic
20115274	Silicon grease for HV cones, 25gr. per tube	All R-type cable plugs	
192019	Latex finger condoms, size 4 (large)	For greasing R-plugs	
20118266	Locking device R24/R28	Unipolar & Bipolar	
20118262	Locking device R24	MXR-320 MXR-320/AX	
20118268	Clamping sleeve R24	Thread M45 x 1.5	
20118269	Clamping sleeve R28	Thread M56 x 1.5	
20067053	2 x silicon jacket for CA11 cables	For CA11 cables	

Part No	Description	Pic
651142	R10 cable flange	
10001700	R10 cable flange	
20052838	R10SL cable flange	
20052839	R10SL cable flange	
4512-104-87141	R24SL cable flange	
4512-104-87131	R24SL cable flange	
4512-104-87101	R24SL cable flange	

4512-104-87121	R24SL cable flange	
4512-104-87111	R28SL cable flange	
20032631	R28SL cable flange	
20104877	R30 cable flange	

Configuration plug with flange

Tubes													
Cable Flange	Amount		MXR-101	CXR-10X	CXR-150 MXR-165	MXR-16X	MXR-22X	MXR-32X	MXR-42X	MXR-45X	MXC-45X	MXR-50X	MXR-600
		CA10*											
20052838	1		R10SL										
20052839	1			R10SL									
4512-104-87121	1					R24SL							
4512-104-87131	1						R24SL						
4512-104-87141	2				R24SL			R24SL					
4512-104-87111	2								R28SL	R28SL		R28SL	
20032631	2										R28SL		
20104877	2												R30*

Generators										
Cable Flange	Amount	T100K	T160K	T225K	T250K	T300K	T320A	T450A	T500A	T600A
4512-104-87101	1	R24SL	R24SL				R24SL			
4512-104-87111	1			R28SL	R28SL			R28SL	R28SL	
20104877	1					R30*				R30*

*Non-Springloaded

11 Service tools for cables

Part No	Description	Used in	Pic
20051540 20054613 20054616	Maintenance case R24 and R28 R24 R28	Conical HV socket of generator or tube	
20131604 20122683 20122684 20122685	Cleaning tool R10 R24 R28 R30	Conical HV socket of generator or tube	
20051421 20051425 20051426	Distance template: 4 mm 5 mm 6 mm	Conical HV socket of generator or tube	
20051472	Safepads (IPA)	Conical HV socket of generator or tube	
20104879	Lubricating paste (2x4g)	For flange screw: M5 on R24, R28 M6 on R30	

Europe & RoW

Comet AG
Herrengasse 10
CH-3175 Flamatt
Switzerland

T +41 31 744 90 00
F +41 31 744 90 90
service.xray.ch@comet.tech
xray.comet.tech

USA

Comet Technologies USA, Inc.
100 Trap Falls Road Extension
Shelton, CT 06484
USA

T +1 203 447 31 65
F +1 203 925 03 64
customerservice.xray.us@comet.tech
xray.comet.tech

Asia

Comet China
1201 Gui Qiao Road
Building 10, 1st floor
Pudong, Shanghai 201206
P.R.China

T +86 21 6879 9000
F +86 21 6879 9009
service.xray.cn@comet.tech
xray.comet.tech