

Industrial X-Ray

# Accessory Catalogue

**c•met**  
x-ray

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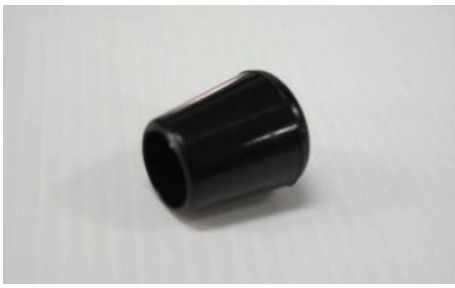
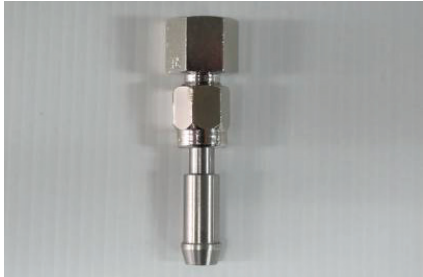
# 1 Accessories for unipolar MXR tubes

Part No	Description	Used in	Pic
20087634	Water connection fitting d = 6mm Brass	MXR-75 MXR-225	
633117	Water connection fitting d = 8mm	MXR-75 MXR-225	
633142	Water connection fitting d = 10mm	MXR-75 MXR-225	
20101596	Water connection fitting d = 10mm Brass	MXR-75 MXR-225	
633164	Water connection fitting d = 13mm	MXR-75 MXR-225	

Part No	Description	Used in	Pic
20085386	Water connection 45°, d= 13mm	MXR-75... MXR-225	
621413	Filter plate anodized thickness = 3mm	Y.TU-160 tubes	
621411	Cover adapter machined (e.g. to mount laser centering device 160)	Y.TU-160 tubes	
621412	Cover adapter machined (e.g. to mount laser centering device 225)	Y.TU-225 tubes	
621414	Filter plate anodized thickness = 4mm	Y.TU-225 tubes	

Part No	Description	Used in	Pic
622113	Protective plug	R24 socket	
622124	Protective plug	R28 socket	
9421-166-89012 9421-166-89412	Laser centering device (to be mounted on flange 621411 for 160kV or 621412 for 225kV tubes)	MXR-160 MXR-225	
4512-105-11821	Laser Z1A-635-pe (Laser class 2)	Laser centering device 9421-166-89212	
938002 938003 938004 938005	Collimator 60° Collimator 90° Collimator 120° Collimator 180°	MXRP-160C	

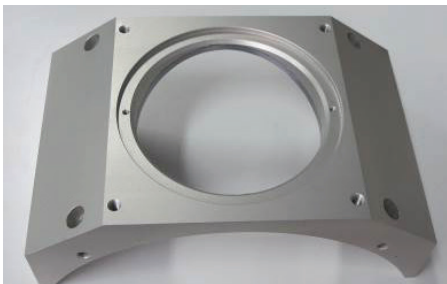

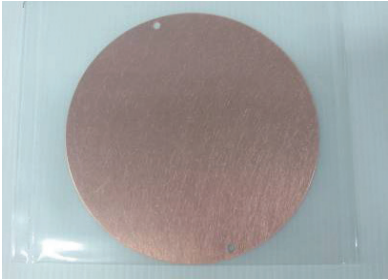


## 2 Accessories for unipolar CXR tubes

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
622113	Protective plug	R24 socket	
622124	Protective plug	R28 socket	
621425	Window flange 320 (e.g. to mount laser center-ing device 320)	Y.TU-320	
621427	Radiation filter Cu 0.5mm, machined	Y.TU-320	
621426	Filter plaze anodized Al 3mm	Y.TU-320	



Part No	Description	Used in	Pic
621424	Window flange machined, complete	All 450kV	
621443	Filter plate anodized Al 3mm	Y.TU-450	
621444	Radiation filter CU 0.5mm, machined	Y.TU-450	
633130	Oil hose connection (male), 1/2" for use with 632010	Oil hose barb for Stäubli type	
633129	Oil hose connection (female), 1/2" for use with 632009	Oil hose barb for Stäubli type	

Part No	Description	Used in	Pic
4512-104-48351	Oil hose quick connection, inlet side, length 900mm	All Comet bipolar tubes in XRS All Yxlon bipolar tubes	
4512-104-48361	Oil hose quick connection, outlet side, length 900mm	All Comet bipolar tubes in XRS All Yxlon bipolar tubes	
20064830	Sealing washer	All Comet bipolar tubes in XRS All Yxlon bipolar tubes	
20067175	Swage nipple	All bipolar tubes	
633119	Protection cap	All bipolar tubes	

Part No	Description	Used in	Pic
632009	Oil hose quick connection inlet side, Stäubli male type, length ~500 mm	Old version for bipolar tubes	
632010	Oil hose quick connection outlet side, Stäubli female type, length ~500mm	Old version for bipolar tubes	
10011092	Sealing washer	Old version for bipolar tubes	
20070333 20070336	Male Female Oil hose quick connection 90°, length 915mm	For bipolar tubes	
633149	Oil hose connection 90°	MXR-320	


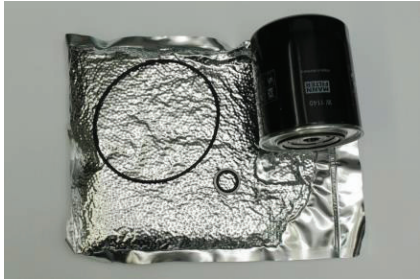
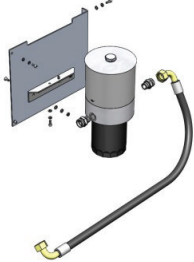
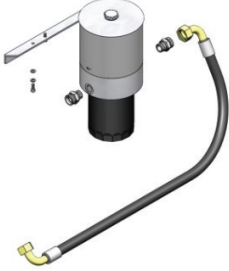

Part No	Description	Used in	Pic
20051192	Window flange 450 (e.g. to mount laser centering device 450)	All 450kV	
9421-166-89012 9421-166-89412	Laser centering device (to be mounted on flange 621425 for 320kV or 20051192 for 450kV tubes)	MXR-320 MXR-450	
4512-105-11821	Laser Z1A-635-pe (Laser class 2)	Laser centering device 9421-166-89212	
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	
10009222	Lock nipple inlet female for hose inner diameter 13mm	XRC ... WA XRC ... WW	
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	
20039712	Ready to use water with antifreeze (50% water / 50% antifreeze) 10 liter can	XRC ... WA XRC ... WW	



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	
<p>10009352.05</p> <p>10009352.10</p> <p>10009352.15</p> <p>10009352.20</p> <p>10009352.25</p> <p>10009352.30</p>	<p>Cooling hose inlet male</p> <p>5m</p> <p>10m</p> <p>15m</p> <p>20m</p> <p>25m</p> <p>30m</p>	<p>XRC ... WA</p> <p>XRC ... WW</p>	
<p>10009353.05</p> <p>10009353.10</p> <p>10009353.15</p> <p>10009353.20</p> <p>10009353.25</p> <p>10009353.30</p>	<p>Cooling hose outlet</p> <p>female</p> <p>5m</p> <p>10m</p> <p>15m</p> <p>20m</p> <p>25m</p> <p>30m</p>		

## 5 Accessories for oil coolers

Part No	Description	Used in	Pic
20073964 20122009	Oil molecular filter unit (OMF) 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	

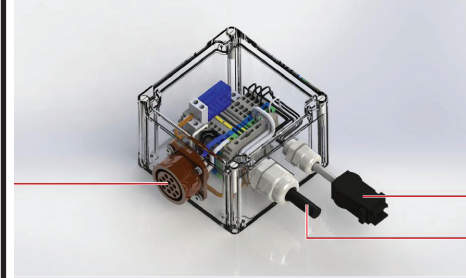
Part No	Description	Used in	Pic
980001	Paper filter for OMF	All Comet XRC-45xx-OA and XRC-45xx-OW	
20082759	Oil can, 5 liter, processed Shell Diala S4 ZX-I	All Comet oil coolers	
5312-480-58405	Oil filter spare cartridge (positioned at the inside of cooler)	All Comet oil coolers	
4512-103-34901	Cannon plug, 12 pol.	Required for non-Comet coolers	
9421-167-34122	Water flow safety valve with 10m cable	All XRS, XRP generators	






Part No	Description	Used in	Pic
9421-166-96052	Set of oil hoses 5m	All Comet XRC-45xx-OA and XRC-45xx-OW	
9421-166-96102	10m		
9421-166-96152	15m		
9421-166-96202	20m		
20064140	25m		
9421-166-96302	30m		
9421-166-96402	40m		
20079637	Angled screw coupling 90°/M2x1.5	All Comet XRC-4501-OA and XRC-4501-OW	


# 6 Cables for coolers

Part No	Description	Used in	Pic
20087848 20087849 20087850 20087851 20103727 20087852	Power cables for new generation coolers (XRP generator) 5m 10m 15m 20m 25m 30m	XRC-3023-WA XRC-3023-WW XRC-4523-OA XRC-4523-OW	
20087853 20087854 20087855 20087856 20103728 20103729	Power cables for new generation coolers (Variofocus) 5m 10m 15m 20m 25m 30m	XRC-3023-WA XRC-3023-WW XRC-4523-OA XRC-4523-OW	
20089594 20089595 20103738 20103739 20103740 20089596	Power cable for new generation coolers (iVario generator) 5m 10m 15m 20m 25m 30m	XRC-3023-WA XRC-3023-WW XRC-4523-OA XRC-4523-OW	
20089439 20089440 20103743 20103744 20103745 20089441	Control cable for new generation coolers (iVario generator) 5m 10m 15m 20m 25m 30m	XRC-3023-WA XRC-3023-WW XRC-4523-OA XRC-4523-OW	

Part No	Description	Used in	Pic	
	Cooler interface with control cable 5m	iVario generator		
	Power supply cable length			
20104671	5m			
20066500	10m			
20104672	15m			
20104673	20m			
20104674	25m			
20089507	30m			



## 7 Accessories/ tools for generators

Part No	Description	Used in	Pic
20083937	Dummy plug R24SL connected	For 160kV and 320kV	
20083936	Dummy plug R24SL not connected		
20083938	Dummy plug R28SL connected	For 225kV and 450kV	
20083939	Dummy plug R28SL not connected		
20034567	Dummy plug R30 connected	300kV	
10003729	Dummy plug R30 not connected		
20083940	Dummy plug R28SL VF	225kV	
20047292	LED warning lamp red	Generators with 24VDC lamp connection	
20047293	LED warning lamp yellow		
20050168	LED warning lamp transparent		



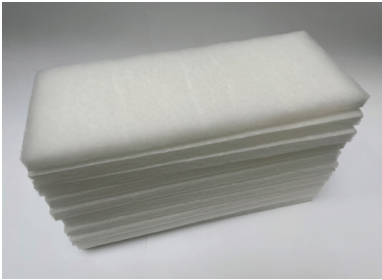
Part No	Description	Used in	Pic
20088240 20088241 20088242	USB optical interface kit 5m 10m 15m	XRG-100 to XRG-450	

# 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	
20089406	Dummy plug X11 (dummy plug safety interface)	iVario generator	
20092854	Plug X11 (plug safety interface)	iVario generator	

Part No	Description	Used in	Pic
20089420	Plug for cooler X9	iVario generator	
20112276 20063256 20112277	Extension cable RS232 D-Sub 9 f-m 4.5m 10m 15m	iVario generator	



## 9 Options for iVario generator

Part No	Description	Used in	Pic
20109348	iCover IP21	iVario generator	
20115407	iCover IP54 service kit (incl. blind plate)	iVario generator	
20122437	iCover IP54 filterset (10 pieces)	iVario generator	

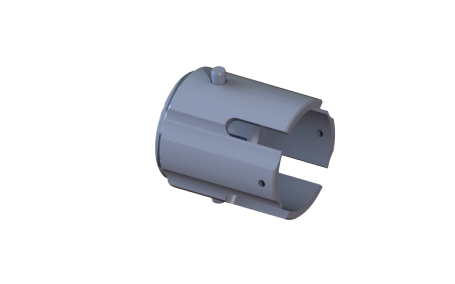


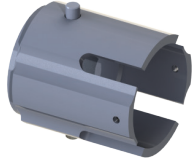


Part No	Description	Used in			Pic
	Controller with Configuration Remark: Cabels are not included in the controller!				
	<b>Config-uration</b>	<b>Emer-gency stop</b>	<b>X-ray LED</b>	<b>Pre-warn LED</b>	
20106319	C1	No	Red	Blue	
20107576	C2	Yes	Red	Blue	
20108210	C3	No	Yellow	Blue	
20111262	C4	Yes	Yellow	Blue	
20108108	C5	No	Red	Red	
	C6	Yes	Red	Red	
	C7	No	Yellow	Red	
20116410	C8	Yes	Yellow	Red	
	Ethernet patch cable RJ45	iVario generator			
20106710	5m				
20083891	10m				
20106711	15m				
20106712	20m				
20106713	25m				
20105081	30m				
20108504	40m				
20102210	50m				

Part No	Description	Used in	Pic
20106706 20105003 20106707 20106708 20106709 20105004 20108525 20112211	Signal cable D-Sub 26 m-f 5m 10m 15m 20m 25m 30m 40m 50m	iVario generator	
20106693 20089506 20106694 20106704 20106705 20089505 20108597 20112209	Controller cable kit 5m 10m 15m 20m 25m 30m 40m 50m	iVario generator	
20089401	Starter kit	iVario generator	
20089510	iVario control software	iVario generator	

Part No	Description	Used in	Pic
20089504	Controller mounting bracket	iVario generator	 A white, rectangular controller mounting bracket with a black base. It features a central display screen showing a green radiation warning symbol and some text. To the right of the screen are several control elements: a red emergency stop button, a green checkmark button, and a silver rotary knob. The brand name 'COMET' is printed on the left side.
20109784	External safety factory configuration  Customer configuration order with checklist	iVario generator	 A white, rectangular metal cabinet or enclosure. The front door is slightly ajar, revealing internal components. A yellow emergency stop button is visible on the front panel. The brand name 'COMET' is printed in red on the bottom right corner of the front panel.

# 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	

Part No	Description	Used in	Pic
20118269	Clamping sleeve R28	Thread M56 x 1.5	
621057	Key for locking devices	For locking devices R24	
20067053	2 x silicon jacket for CA11 cables	For CA11 cables	

# 11 Service tools for cables

Part No	Description	Used in	Pic
20051540 20054613 20054616	Maintenance case R24 and R28 R24 R28	XRP and iVario generator	
20051391 20051420 200067922	Cleaning tool R24 R28 R30	XRP and iVario generator	
20051421 20051425 20051426	Distance template: 4 mm 5 mm 6 mm	XRP and iVario generator	
20051472	Safepads (IPA)	XRP and iVario generator	
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  
service.xray.us@cometusa.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