

MCBI Zubehörliste_5
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Cathodegrounded metal-ceramic low power X-ray tube: MCBI 40			'((((())))	
		rtw RÖNTGEN-TECHNIK DR. WA	RRIKHOFF GmbH & Co. KG	
Set 1	Consisting of:	Description	Price	
	3249	Tube holder anode modified for cooling by conduction		
			205,00 €	
	2614	<u> </u>		
	2810	Description		
	3371	The tube holder will be assembled directly on the ceramic		
	3372	insulator itself. In this way the MCBI can be clamped and can be mounted on the OEM equipment easily. The holder is designed to allow		
	3443			
The state of the s				
And the state of t		the benefit of conduction cooling. The assembly holes allow		
and the state of t		optimized positioning.		
Constitution of the consti		The holder is made of pure copper to support the best heat		
		transfer and the utmost best cooling.		
Set 2	Consisting of:	Description	Price	
	3249			
	3282	Tube holder anode modified for	275,00 €	
	3283	connection to a water cooling circuit	270,00 €	
	2614	Description		
	2810	With this modification the holder is equipped with a fully		
	3371	integrated water cooling circuit. The water connections are		
	3372	equipped with fittings to connect on heat exchangers. Cooling		
	3443	the X-ray tube by water gives		
		the best results for good cooling and for high temperature		
		stability needed for precise measurement applications.		
Set 3	Consisting of:	Description	Price	
		Tube holder anode modified for	not available	
		cooling with CPU cooler with		
		air fan		
	<u> </u>	Description		
		-	With this modification the holder is equipped with a standard	
		CPU cooler with air fan. Cooling the X-ray tube with air can be a very efficient and light weight solution. Different air fans and coolers, like the arctic freezer, can be used. The speed of the fan and heat sensors will control a sufficient cooling		
		and will prevent an overheat of the tub	and will prevent an overheat of the tube.	
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Cathodegrounded metal-ceramic low power X-ray tube: MCBI 40 rtw RÖNTGEN-TECHNIK DR. WARRIKHOFF GmbH & Co. KG Consisting of: Description Price Set 4 3249 Tube holder anode and tube holder cathode modified for cooling by 447,00€ 3256 conduction 2614 Description 2810 This extension of the holder on the cathode side allows not 3371 only to cool down the anode as well as the cathode, moreover 3372 the whole X-ray radiation protection is given. The X-ray tube 3446 holder is made out of pure copper and will support water 3362 cooling or air cooling or conduction cooling. The factory 3363 mounting threads enable the customer for precise positioning 3401 and assembling of X-ray shutters or X-ray optics. The two 3116 tubes holder weights of about 880g. Set 5 Consisting of: Description Price 3249 Tube holder anode and tube holder 475,00€ cathode modified for connection to a 3256 water cooling circuit 3282 Description 3365 3366 This device enables our OEM partner to cool down the cathode additionally with water. By doing that the cathode can 2614 work on a constant temperature and high stable X-ray 2810 emission in short- and long term can be achieved. 3371 3372 3446 3362 3401

3116

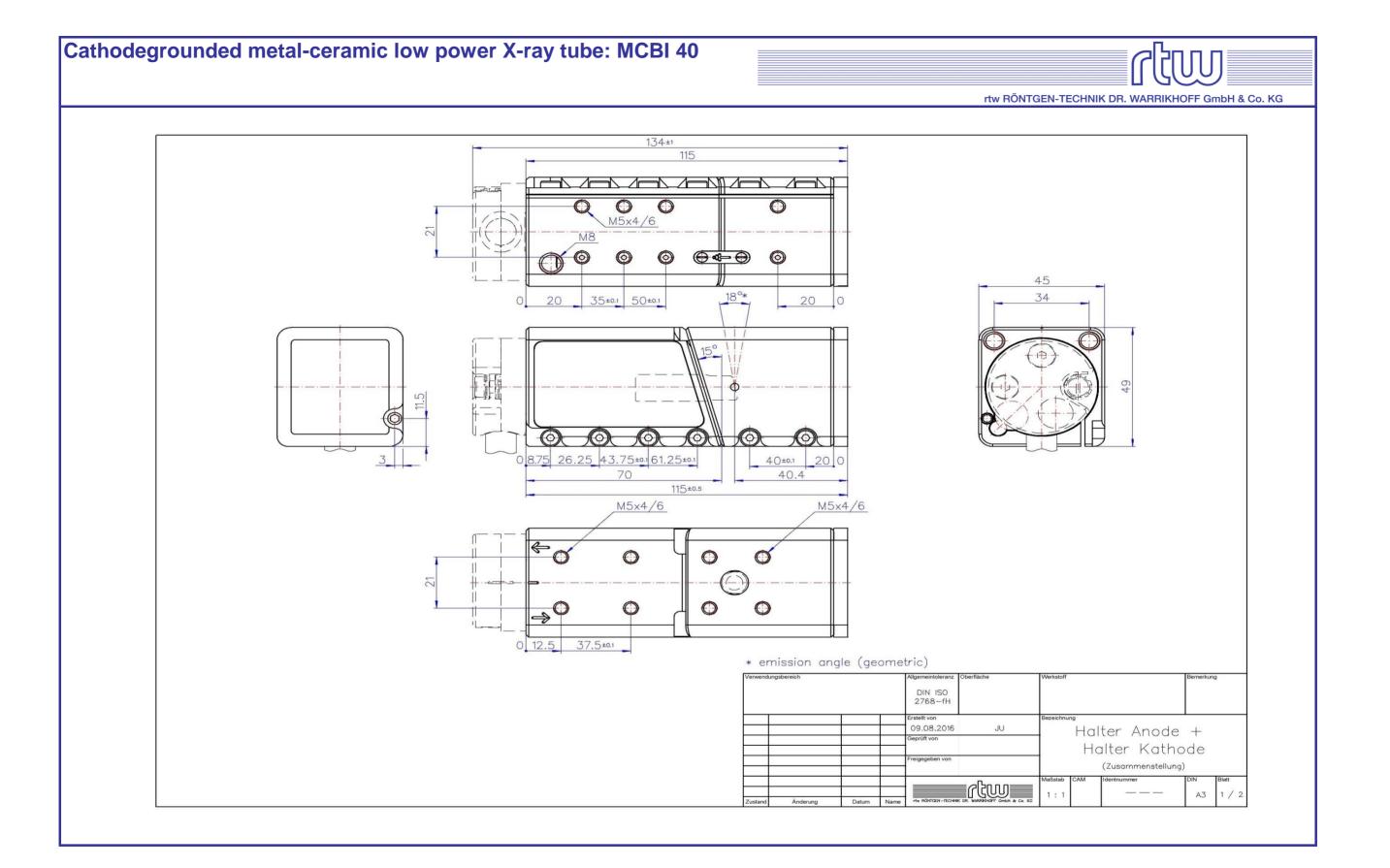
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y tube: MCBI 40		tw
Consisting of:	rtw RÖNTGEN-TECHNIK DR. WAF	RRIKHOFF GmbH & Co. KG
	Tube holder anode and tube holder cathode modified for cooling with CPU cooler with air fan	not available
By adding the cathode holder to the assembly the solution is reduced and the radiation protection as we the cooling of the cathode for stable X-ray emission achieved. Furthermore the cooling performance can improved when a second cooling device on the cath added too. If the customer likes to add a custom-device cooling device he can use set 4. This set provides so assembly holes for mounting the desired device.		
Consisting of:	Description	Price
	Tube holder anode and tube holder cathode modified for air- or water cooling	not available
	Description	•
	This fully equipped set provides a wide variety of cooling methods. If conduction cooling may be sufficient in laborate additional air forced cooling enables higher power. If ambie temperature rises, a water cooling system will cool down the X-ray tube to the required safe values. All 3 cooling methods can be driven together or separately upon desire.	
	Consisting of:	Consisting of: Description Tube holder anode and tube holder cathode modified for cooling with CPU cooler with air fan Description By adding the cathode holder to the as radiation is reduced and the radiation, the cooling of the cathode for stable X achieved. Furthermore the cooling per improved when a second cooling device added too. If the customer likes to add cooling device he can use set 4. This assembly holes for mounting the desire cathode modified for air- or water cooling Description Tube holder anode and tube holder cathode modified for air- or water cooling Description This fully equipped set provides a wide methods. If conduction cooling may be additional air forced cooling enables he temperature rises, a water cooling system will cool down to the required safe values. All 3 cooling the cathode modified for a water cooling system will cool down to the required safe values. All 3 cooling the cathode modified for a water cooling system will cool down to the required safe values. All 3 cooling the cooling system will cool down to the required safe values. All 3 cooling the cathode modified for a cathode

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Zusatz 2	Consisting of:	rtw RÖNTGEN-TECHNIK DR. V	WARRIKHOFF GmbH & Co. KG Price
	3740	Tube holder cathode with beam angle 60° x 10°	55,00€
		Description	
		Thr tube holder 60°x10° extends the emission angle to a factor of 60°x10°. The holder must bee choose with any set out of this list. We charge the add on only.	
Zusatz 3	Consisting of:	Description	Price
	3792	Tube holder cathode with beam angle 90° x 10°	93,00€
		Description	
		Thr tube holder 90°x10° extends the emission angle to a find beam of 90°x10°. The holder must bee choose with any set out of this list. Vicharge the add on only.	

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