

List of orders and status

Topic	Object	Amount	Comment	Status	Company	Order Number	Price	Delivery date	Invoice number
Cavity	spacer	1	PTB	done					
	Mounting	1	produced at IQ Workshop	done					
	Zerodur rods	2	PTB	done					
	ULE rings		PTB						
	crystalline mirrors		PTB - the mirrors were cleaned						
	heat shields		PTB						
	optical windows	6+4	PTB/IQ	done	Thorlabs	USLO-SS-2017-02	108,65€+253,89€		
	support structure		PTB						
	passive vibration isolation	1	IQ	done					
	...								
Vacuum	vacuum chamber	1	PTB - Leak test → has to be repair						
	windows	8	Provided by PTB at the moment, but we have to buy it for them later.						
	40 l/s IGP (StarCell) + IGP Controller + Cable	1	CF40 flange size	done	Agilent	Q4F-16-112	3.729,46€		
	Vacuum pressure sensore, Controller	1			we got the things from Quantus				
	Vacuum sensor cable	1		done	Pfeiffer Vacuum	Q4F-16-121	75,21€		
	angle valve	1	CF40 flange size	done	VAT	Q4F-16-101	596€		
	CF-Kreuz	1	CF40 flange size	done	VACOM	Q4F-16-114	529,55€		
	vacuum screws		For the cavity mounting and vacuum chamber						
	indium wire & foil		10m Spool and 3* 100x100x0,1mm	done	Cryo andmore	Q4F-16-100	485,52€		
	Sub-D Socket	each 1	female, 37pins and 9pins, Peek UHV	done	Allectra				
	Windowholding	2	IQ workshop	done					
	Gate valve	1	CF40 flange size	done	VAT	Q4F-16-101	1128€		
	Vacuum screws with holes	100 Stk for M6x25, 200Stk for M3x10		Delivered and Paid	ATH-Barth GmbH, SchraubenschopXXL	Q4F-17-133	508,99€		
	small vacuum stuff		capton wires:10m diameter 0.25mm; 10m diameter 0.64mm 10x CF-Cupper rings (vakuumgeglüht) 6x CF-Flanschkit	done	Vacom	Q4F-16-114	236,83€		
	CF-Blindflange	4		done	Vacom	Q4F-16-120	74,02€		

Electronics for cavity	temperature controller	1	PTB						
	PDH lockbox	1	PTB						
	RAM control	1	PTB						
	intensity stabilization	1	PTB						
	Photodiodes		PTB - Comparison with Klaus-photodiode?						
	NTC Sensors	25		done	RS	Q4F-16-098	143,59€		
	Peltier-elements	12	PTB has only 6 - We need 6 with same heigh for inside the vacuumchamber.	done	Peltron	Q4F-16-102	153,51€		
	Crimp pins for Sub-D			done	Allectra	Q4F-16-099	220,15€		
	Shrink, PTFE-Tube, Kapton insulated Cu-wire			done	Allectra	Q4F-17-148	233,24€		
	...								
Optics for the laser	faraday rotator	2	Infront and behind cavity, vacuum compatible	Delivered and Paid	Notrus Optronic	USLO-NJ-2016-1	3.320,10 €	26/10/2016	RE160243
	Isolator free space	1		Delivered and Paid	Notrus Optronic	USLO-SS-2017-01	1.916,20€		
	lambda/2-plate	3		Delivered and Paid	Crylight	USLO-NJ-2016-2	425 \$ + 104,01 € Zoll	30/9/2016	INV161064 and Zoll Nr: 853543456
	PBS	2		Delivered and Paid	Qioptiq	USLO-NJ-2016-5	461,72 €	13/09/2016	38405211
	Lens	4	1x Mode matching, 3x focussing lenses						
	Mirror	4	includes mount (1/2")	Delivered and Paid	ThorLabs	USLO-NJ-2016-3	981,48 €	13/09/2016	MI2752025 and MI2754636
	...								
	...								
	...								
	...								
Fibers and accessories	Isolator fiber	2	Without fiber tails	Delivered and Paid	Laser2000	USLO-NJ-2016-4	1830,16 €	04/10/2016 and 27/10/2016	1604427 and 1604760
	fiber splitter	1		Delivered and Paid	Opneti	USLO-NJ-2016-6	USD 350 and Zoll extra	20/10/2016	IV-161020-01005
	fiber collimator	1		done	Schäfter & Kirchhoff	USLO-SS-2016-02	425,66€		
	fiber eom	1	Have to buy Ti doped from Photline (But at a later stage). Will use the Jenoptik EOM that we have at the moment		Photline				
	aom (pm)	1	gooch and housego customized T-M080-0.5C8J-3-F2P	done	AMS technologies	USLO-SS-2016-01 (USLO-2017-01)	3818,71€		
	FRM	2	1xFRM (we found in the Lab) 1xFRM bought	done	Laser2000	USLO-SS-2017-04	455,60€		
	...								
	...								
	...								
	...								
Laser 1560nm	...								
	...								
	...								
	...								
	...								

From:

<https://iqwiki.iqo.uni-hannover.de/> - IQwiki

Permanent link:

https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:project_ptb-cavity:orders&rev=1497619710

Last update: **2017/06/16 13:28**

