

Wish list for things to buy

2019

Item	Company	Price (€)	Suggested by	Urgency level	Offer
Conversion of the frequency comb for the transfer beat between H-Beast and 916nm (??)	-	-	Steffen	-	
4 glass wedged windows for resonators	-	-	Steffen	-	
Reparatur Lockbox replate	Menlo	850€ Netto	Steffen	-	
Minicircuits components	Minicircuits	1000 -2000 € Netto	Steffen	-	
SMA cables	-	500 - 1000 € Netto	Steffen	-	
S405C - Thermal Power Sensor Head, Surface Absorber, 0.19 - 20 µm, 5 W, Ø10 mm	Thorlabs	660€ Netto	Dominika	important	
Analog Console with Photodiode Sensor (50 nW - 50 mW, 200 nm - 1100 nm)	Thorlabs	1280 e	Dominika	important	
Isolater 924nm					
TPSM1/M Magnetic Laser Safety Screen, 200 mm x 75 mm, Metric Engraving	Thorlabs	32€	Dominika	just fun	
FIND-R-SCOPE Infrared Viewer Model 84499C (- s)	findrscope	1700-1800	Dominika	Urgent	
LF1D - Diamond Lapping (polishing) Sheet, 1µm	Thorlabs	36,17€ pp	Waldemar	Urgent	
LFCF - Final Oolishing Film Sheet	Thorlabs	36,17€ pp	Waldemar	Urgent	
Schnurlostelefon für das ResLab	Conrad	40€	Steffen		
Mirror Holder KS05K	Thorlabs	80,66€	Philipp	Urgent	
Mirror Holder KM05	Thorlabs	36,51€	Philipp	Urgent	

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Power meter (S142C)	ThorLabs	886	Nandan	Not so urgent	
Screen for ResLab (Frequency Comb) https://www.notebooksbilliger.de/viewsonic+td2421/eqsqld/bceab8a-332a-4adb-b6e0-d10ca0b246d5	Notebooksbilliger	250	Steffen	-	
Tastatur for ResLab (Frequency Comb) https://www.amazon.de/dp/B000TVJRLY/?tag=glv-21&ascsubtag=22043a09-38a6-4f47-ace0-537c7296e52a	Amazon	50	Steffen	-	
20-Channel-Multimeter (Agilent 34972A) for ResLab/Mg	Agilent	~1500	Steffen	-	
Conversion of the frequency comb for the transfer beat between H-Beast and 916nm (??)	-	-	Steffen	-	
Waveguide 1560 → 780nm or new Wavemeter	-	1000-2000€ or 15k€	Steffen	-	
IGP controller for Resonator 2	Pfeiffer	-	Steffen	-	
4 glass wedged windows for resonators	-	-	Steffen	-	
Minicircuit components	-	-	-	-	
1 PC for office	-	https://www.notebooksbilliger.de/notebooks/hp+15+da0103ng Price: 444 € without Windows	Nandan	-	
1 spare synthesizer	Rhode & Schwartz	~ 4560 € pp	Waldemar	-	
Clock laser fiber	-	-	Steffen	-	
Shutters for atom lab	-	-	Waldemar	-	
Glass plate for 285 nm position locking reflection	-	ThorLabs: WG41050 (80€) or Laseroptik:S-00018 (45 €)	Nandan	-	

Cold cathode sensor or driver or cable for atom lab	-	Sensor cable: PT 548 317-T (540 €) Gauge head: PT R20 502 (1200 €)	Nandan	-	
285 nm doubling crystal	-	452 x 3 (+19%)	Nandan	-	
Piezors for triplet lasers	Piezomechanik	135 € pp	Waldemar	-	
Laser diodes/TAs	-	-	Waldemar	-	
Fiber switch	-	-	Nandan	-	
30 m Fiber for 936 nm light	-	-	Nandan	-	
Isolators for triplet lasers	-	1679 € pp	Nandan	-	
Multichannel multimeter (Agilent 34972A) or NI card USB 6001	-	~1500 € or 200 €	Nandan	-	
Phase shifters for triplet laser locks	EMCO	~ 782 €	Waldemar	-	
CCD for absorption imaging	-	-	Nandan	-	
Piezo driver	ThorLabs	933 €	Nandan	-	

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