

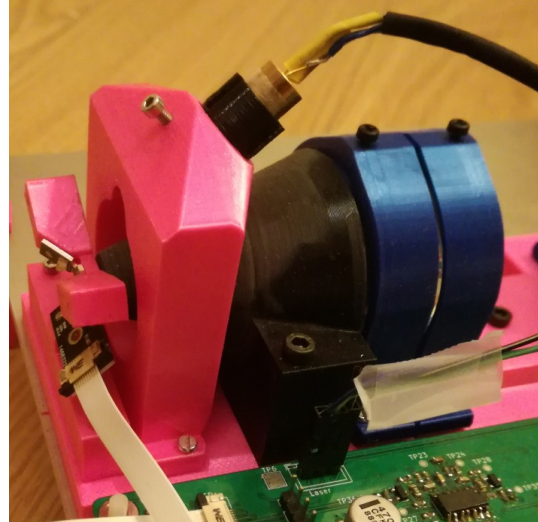
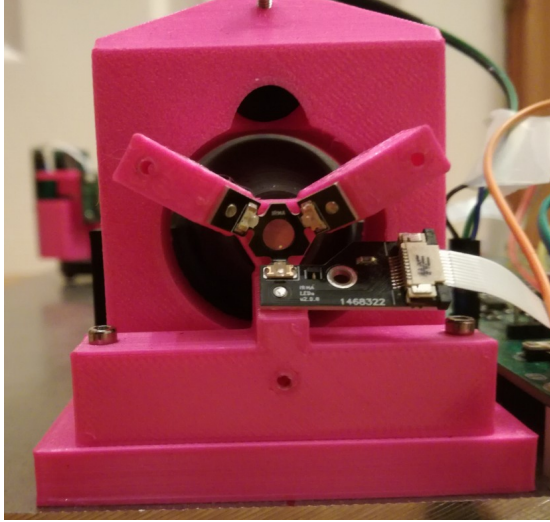
BOM of OZI v2

v June 2021

TOTAL
170 €

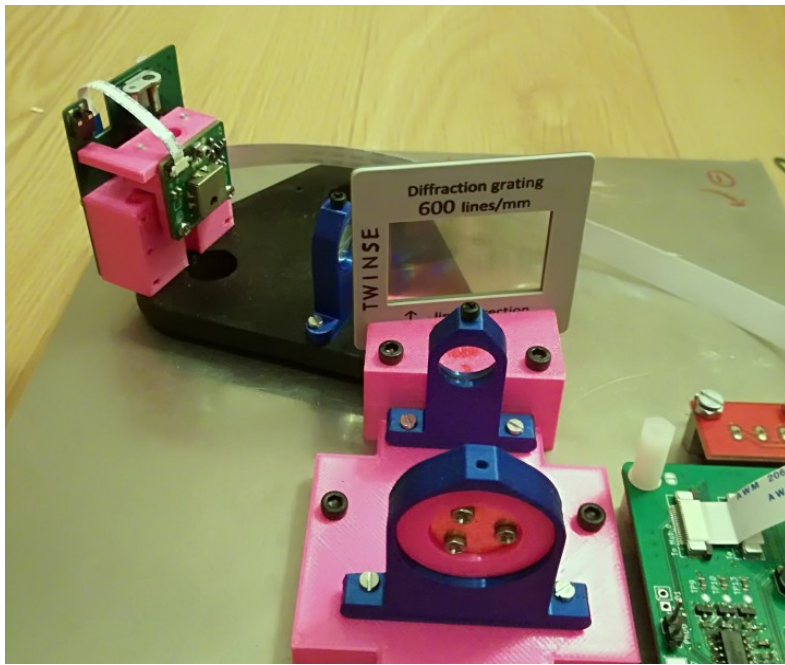
Legend	CNC / Laser
	3D Print
	PCB
	DIY
	External sourcing

UNIT
Illumination (& collection)



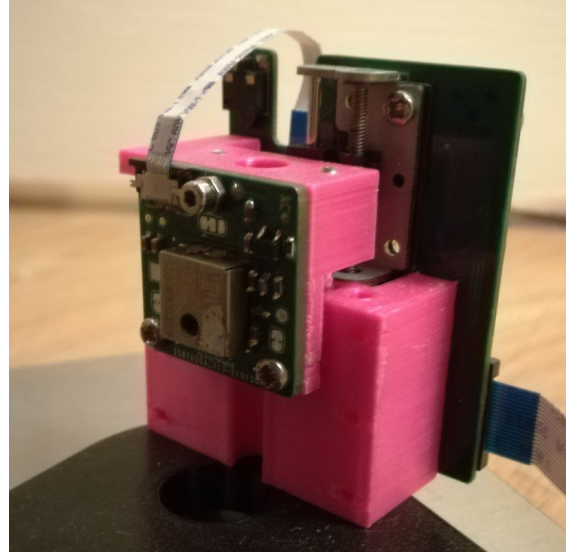
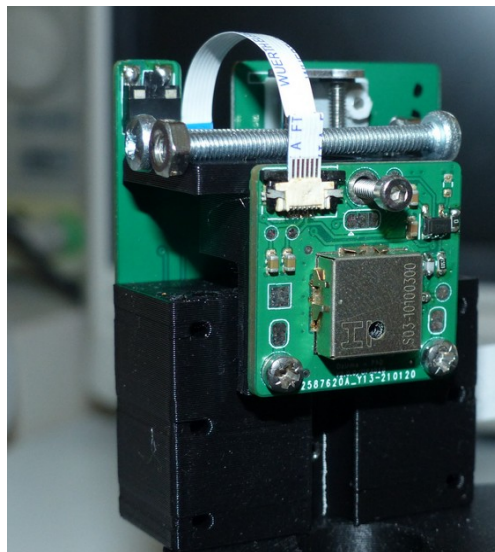
Modules	fab	Unit [€]	Qu	[€]	TOTAL
Holder_sample	3D printed +screws	1 €	1	1 €	23 €
PCB_LED	P&P reflow + folding	12 €	1	12 €	
Holder_PCB_LED	3D printed +screws	1 €	1	1 €	
LASER Diode & housing	Assembly & Hand soldering	2 €	1	2 €	
Holder_LASER	3D printed + set-screw	1 €	1	1 €	
Condenser lens	Condenser	2 €	2	4 €	
Holder_Condenser	3D printed +screws	1 €	2	2 €	

Spectrometer



Modules	Unit [€]	Qu	[€]	TOTAL
pinhole	1 €	1	1 €	63 €
Holder_pinhole	1 €	1	1 €	
Collimation lens	10 €	1	10 €	
Holder_collimation_lens	1 €	1	1 €	
Grating	15 €	1	15 €	
Holder_grating	1 €	1	1 €	
Nema 17	3 €	1	3 €	
Base_plate_spectro	4 €	1	4 €	
Base_plate_rotation	4 €	1	4 €	
Focalisation lens	10 €	2	20 €	
Holder focalisation lens	1 €	2	2 €	
micro ball-transfert-unit	15 €	3	1 €	

Detection



Modules	Unit [€]	Qu	[€]	TOTAL
PCB PhD	15 €	2	30 €	46 €
PCB Hub (with mini-stepper)	5 €	2	10 €	
Holder_PCB_hub	1 €	2	2 €	
Holder_PCB_PhD	1 €	2	2 €	
Spring	1 €	2	2 €	
Shaft	0 €	2	0 €	

Main



Modules	Unit [€]	Qu	[€]	TOTAL
PCB Main	25 €	1	25 €	37 €
Casing	4 €	1	4 €	
FFC	2 €	3	6 €	
USB cable	2 €	1	2 €	