**Equipment for Hammersmith setup**

**Optomechanics**

Mirror holder + mirror (2x 76.07 GBP)

Part number: KM100-E2

<https://www.thorlabs.de/thorproduct.cfm?partnumber=KM100-E02>

IR filter holder

Part number: LMR1/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=LMR1/M>

Beam block

Part number: LMB1/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=LB1/M>

Filter wheel (2x 804.83 GBP)

Part number: FW102C

<https://www.thorlabs.de/thorproduct.cfm?partnumber=FW102C>

ND filter (0.1, 0.3, 0.5, 1, 2)

Part number: NE01B-A

<https://www.thorlabs.de/thorproduct.cfm?partnumber=NE01B-A>

Part number: NE03B-A

<https://www.thorlabs.de/thorproduct.cfm?partnumber=NE03B-A>

Part number: NE05B-A

<https://www.thorlabs.de/thorproduct.cfm?partnumber=NE05B-A>

Part number: NE10B-A

<https://www.thorlabs.de/thorproduct.cfm?partnumber=NE10B-A>

Part number: NE20B-A

<https://www.thorlabs.de/thorproduct.cfm?partnumber=NE20B-A>

Iris (2x 34.62 GBP)

Part number: ID20/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=ID20/M>

Shutter (2x 624.75 GBP)

Part number: SHB1

<http://www.thorlabs.de/thorproduct.cfm?partnumber=SHB1>

Single mode fiber launch

Part number: MBT613D/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=MBT613D/M>

Polarization maintaining fiber 400-680nm

Part number: P1-405BPM-FC-2

<https://www.thorlabs.de/thorproduct.cfm?partnumber=P1-405BPM-FC-2>

Breadboard 300x600

Part number: MB3060/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=MB3060/M>

Construction Rail, L=300mm (4x 11.58 £)

Part number: XE25L300/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=XE25L300/M>

Black Hardboard

Part number: TB4

<https://www.thorlabs.de/thorproduct.cfm?partnumber=TB4>

Optical post L=75mm (2x 17.93 £)

Part number: TR75/M-P5

<https://www.thorlabs.de/thorproduct.cfm?partnumber=TR75/M-P5>

Optical post L=20mm (2x 3.48 £)

Part number: TR20/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=TR20/M>

Post holders L=75mm (2x 30.39 £)

Part number: PH75/M-P5

<https://www.thorlabs.de/thorproduct.cfm?partnumber=PH75/M-P5>

Post Holder L=30mm (2x 5.17 £)

Part number: PH30/M

<https://www.thorlabs.de/thorproduct.cfm?partnumber=PH30/M>

Mounting Base (2x 17.20 £)

Part number: BA1S-P5

<https://www.thorlabs.de/thorproduct.cfm?partnumber=BA1S-P5>

M6 Cap Screw

Part number: SH6MS20

<https://www.thorlabs.de/thorproduct.cfm?partnumber=SH6MS20>

Objective 20x Olympus Plan Achromat Objective, 0.4 NA, 1.2 mm WD

Part number: RMS20X

<https://www.thorlabs.de/thorproduct.cfm?partnumber=RMS20X>

Nikon camera lens (50mm) <http://www.amazon.co.uk/Nikon-NIKKOR-50mm-1-8D-Lens/dp/B00005LEN4>

Nikon camera lens (35mm)

<http://www.amazon.co.uk/Nikon-AF-S-NIKKOR-35mm-1-8G/dp/B001S2PPT0>

F-C adapters (2x 85 £)

Stock No: 54-341

<http://www.edmundoptics.com/microscopy/relay-lenses-couplers/c-mount-camera-lens-adapters/54341/>

Filter 434/17 (Laser2000)

FF01-434/17-25

<http://www.laser2000.co.uk/semrock_filter.php?code=FF01-434/17-25>

Filter 465/30 (Laser2000)

FF01-465/30-25

<http://www.laser2000.co.uk/semrock_filter.php?code=FF01-465/30-25>

Filter 520/24 (Laser2000)

FF01-520/24-25

<http://www.laser2000.co.uk/semrock_filter.php?code=FF01-500/24-25>

Filter 525/50 (Laser2000)

FF01-525/50-25

<http://www.laser2000.co.uk/semrock_filter.php?code=FF03-525/50-25>

Filter 560/25 (Laser2000)

FF01-560/25-25

<http://www.laser2000.co.uk/semrock_filter.php?code=FF01-560/25-25>

Filter 624/40 (Laser2000)

FF01-624/40-25

<http://www.laser2000.co.uk/semrock_filter.php?code=FF01-624/40-25>

**Electronics**

Arduino Uno (2x 17.33 £)

RS Stock No. 715-4081

<http://uk.rs-online.com/web/p/processor-microcontroller-development-kits/7154081/>

BNC Connector Plug (8x 1.28 £)

RS Stock No. 546-4853

<http://uk.rs-online.com/web/p/bnc-connectors/5464853/>

SMA Connector Plug (4x 2.86 £)

RS Stock No. 546-2807

<http://uk.rs-online.com/web/p/sma-connectors/5462807/>

SMA BNC Adapter

RS Stock No. 761-9985

<http://uk.rs-online.com/web/p/rf-coaxial-adapters/7619985/>

BLP-50+; Low Pass Filter (Mini-Circuit)

Search for “BLP-50+”

<http://194.75.38.69/MCLStore/ModelPriceDisplay>