

Raman installation report

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**Customer**

Name:	Dr Chris Howard		
Address	Dept of Physics & Astronomy, University of London, London, WC1E 6BT		
E-mail	c.howard@ucl.ac.uk		
Tel No	+44 (0) 20 7679 3486		
Visit Date	24 th October 2019	Generated RSC No.	

System

InVia Reflex: Modulaser Multiline 488/514nm, Ren HP 785nm	Raman Serial No.: H42218
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Accessories

WiRE 3.4 HF6488	Leica DMLM Class 1 enclosure
DLMP	488nm FOP
Windows 7 PC	Fibre launch Path 1 & 2
mvBlueFox camera (podule)	X20LWD Olympus
1200 & 2400 l/mm gratings	Prior encoded XYZ stage, H30 Proscan II controller
3 x kinematic lens sets	ModuLaser 488nm/514nm Ar+ laser
785nm Line Focus (path 1)	Renishaw HPNIR 785nm diode laser

Visit Report: Blain Bryant

Visit: Installation of Motorised slit

- All connections checked, complete system switched on and allowed to stabilise
- Evaluation of XY stage – Needs Prior to assess the stage, could not resolve the X axis erratic movement when moving with the joystick.
- Lubrication of Y axis on XY stage
- Loaded sample onto stage and focused, checked white light eyepiece-video alignment
- Installed new motorised slit
- Optimisation and alignment of all 3 lasers
- Ran auto align routines for CCD area and Slit
- Collected silicon reference spectra and checked calibration
- All test data collected
- All tests data saved to pc and USB stick

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