

Manesty Tablet press Extruder	Bosch	TPR 500	Industrial Tablet press machine with 16 D	University of Birmingham	Chemical Engineering	Public	Yulong Ding	y.ding@bham.ac.uk	Research Only
High Shear Impact Mixer	Brabender	30/25D	plastics extruder for pellets, cylinders and	University of Birmingham	Chemical Engineering	Public	Yulong Ding	y.ding@bham.ac.uk	Research Only
Scale Facility	Hosokawa	Cyclomix	compressed air blade powder mixer	University of Birmingham	Chemical Engineering	Public	Yulong Ding	y.ding@bham.ac.uk	Research Only
Differential Scanning Calorimeter	Storage	None	Research scale LAES research facility capa	University of Birmingham	Chemical Engineering	Public	Yulong Ding	y.ding@bham.ac.uk	Research Only
3D printer	Mettler Toledo	2	Differential Scanning Calorimeter	University of Birmingham	Chemical Engineering	Public	Yulong Ding	y.ding@bham.ac.uk	Research Only
High Temperature Compression T	Formlabs		Resin polymer 3D printer	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
High temp cycling furnace	T Jinan Hensgrand	None	Mechanical Property tester (compression	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Simultaneous Thermal Analysis	Carbolite	RHF	Intelligent cycling furnace for material life	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Laser Flash Analysis	Linseis	PT 1600	combination with the highest vacuum	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Transient Hot Bridge	Linseis	LT 1000	determination of Thermal Diffusivity,	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Nano CT	Linseis	THB	diffusivity and specific heat	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Surface Area and Porosity Analysis	Bruker	Skyscan 2211	Nano Computed Tomography used for i	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Sample Cutting and Grinding Devi	Micromeritics	Tristar II	Measuring pore size, surface area of pow	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Solid Sample Coater	Struers	Accutom 100	Precise sample cutting and grinding devic	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
X-Ray Powdered Diffractometer	Quorum	Quorum ERS series	Solid sample coater capable of Gold and C	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Raman Microscope	Bruker	D8 Advance	X-Ray Powdered Diffractometer for solids,	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Vacuum tube furnace	Renishaw	Renishaw inVia refle	Raman Microscope and fibre optic probe	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Flash Point Tester	Carbolite	None	Tubular furnace capable of pulling a vacu	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Instrument for Concentration Lim	Anton Parr	ABA 4 Abel	The automatic Abel closed-cup tester me	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Differential Scanning Calorimeter	OZM	FRTA 1	Flammability Limit (LFL) and the Upper	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Manual Microscope	Mettler Toledo	3+	Differential Scanning Calorimeter	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Spark Plasma Sintering System	Zeiss	AXIO scope A1	analyze large, three-dimensional	University of Birmingham	Materials	Public	Jasmine Tay	J.Tay@bham.ac.uk	Research Only
Nuclear Magnetic Resonance Spe	FCT Systeme GMBH	None	Spark Plasma Synthesis	University of Cambridge	Chemistry	Public	Clare Grey	cpg27@cam.ac.uk	Research Only
Bruker Avance III 300	Bruker	Avance III 500	Microimaging, PFG and Solid-State 500 M	University of Cambridge	Chemistry	Public	Clare Grey	cpg27@cam.ac.uk	Research Only
Pulsed Field Gradient Unit	Bruker	Avance III 300	Microimaging, PFG and Solid-State 300 M	University of Cambridge	Chemistry	Public	Clare Grey	cpg27@cam.ac.uk	Research Only
Pulsed Field Gradient Probehead	Bruker	None	Pulsed-Field-Gradient unit for diffusion NI	University of Cambridge	Chemistry	Public	Clare Grey	cpg27@cam.ac.uk	Research Only
Raman Microscope	Bruker	None	Pulsed-Field-Gradient probehead for diffu	University of Cambridge	Chemistry	Public	Clare Grey	cpg27@cam.ac.uk	Research Only
Powder X-Ray Diffractometer	Renishaw	PLC DJ2001406	Inverted Confocal Laser and fibre optic pr	University of Oxford	Materials	Public	Peter Bruce	peter.bruce@materials.ox.ac.uk	Research Only
3D Printer	Rigaku	SmartLab PXR D	Powder X-Ray Diffractometer	University of Oxford	Materials	Public	Peter Bruce	peter.bruce@materials.ox.ac.uk	Research Only
Pulsed Field Gradient	Nanoscribe	None	3D Printer for Polymer Electrode Structur	University of Oxford	Materials	Public	Peter Bruce	peter.bruce@materials.ox.ac.uk	Research Only
Scanning Electron Microscope	Bruker	None	Pulsed Field Gradient NMR with 3D imagi	University of Oxford	Materials	Public	Peter Bruce	peter.bruce@materials.ox.ac.uk	Research Only
Pneumatic spray deposition tool	Zeiss	Merlin XHR	XHR Scanning Electron Microscope includ	University of Oxford	Materials	Public	Peter Bruce	peter.bruce@materials.ox.ac.uk	Research Only
spectrometer	Msolv	MSV-700G	Pneumatic spray deposition tool for layer	University of Oxford	Materials	Public	Patrick Grant	patrick.grant@materials.ox.ac.uk	Research Only
Potentiostat	Omicron	None	Thermo X-ray photoelectron spectromete	University of Oxford	Materials	Public	Patrick Grant	patrick.grant@materials.ox.ac.uk	Research Only
Potentiostat	Biologic	HCP1005 100 A	Potentiostat with EIS	University of Oxford	Energy and Power	Public	Dave Howey	david.howey@eng.ox.ac.uk	Research Only
Oscilloscope	Biologic	MPG205z	8 channels potentiostat with EIS	University of Oxford	Energy and Power	Public	Dave Howey	david.howey@eng.ox.ac.uk	Research Only
Flexible Test Platform AC/DC	Agilent	M5OX4024A Oscillo	Oscilloscope and power analysis, AWG, D'	University of Oxford	Energy and Power	Public	Dave Howey	david.howey@eng.ox.ac.uk	Research Only
Thermal Chamber	Triphase	PM15F120C	AC/DC 12 leg 30 kW Flexible test platform	University of Oxford	Energy and Power	Public	Dave Howey	david.howey@eng.ox.ac.uk	Research Only
DC regulated power source	Binder	MK53	Thermal chamber	University of Oxford	Energy and Power	Public	Dave Howey	david.howey@eng.ox.ac.uk	Research Only
Battery Emulation System	Kikusui	PBZ60-6.7x3	Bipolar high speed DC regulated power sc	University of Oxford	Energy and Power	Public	Dave Howey	david.howey@eng.ox.ac.uk	Research Only
	dSpace	None	Battery emulation system in HIL rig	University of Oxford	Energy and Power	Public	Dave Howey	david.howey@eng.ox.ac.uk	Research Only