

CATEGORY	EQUIPMENT	MODEL	DETAILS	HOURLY RATE	DAILY RATE
INCUBATORS/GROWTH CHAMBERS	shaking incubators	Innova 40 bench top	The Innova 40 incubated benchtop shakers provide years of dependable operation. The cast iron Eppendorf triple-eccentric counterbalanced drive is specifically designed to support high-speed applications and heavy workloads. Innova 40 incubated shakers provide very broad temperature capabilities for culturing a wide variety of organisms in flasks up to 3 liters.	£25	£100
INCUBATORS/GROWTH CHAMBERS	shaking incubators	Innova 44 and 44R industrial scale	The Innova 44 incubated and 44R incubated and refrigerated shakers are stackable solutions that provide very broad temperature capabilities for culturing a wide variety of organisms in flasks up to 5 L. The cast iron triple-eccentric counterbalanced drive is specifically designed to support high speed applications and heavy workloads.	£35	£140
INCUBATORS/GROWTH CHAMBERS	shaking incubators	SI600, Stuart	115 Litre capacity available- Digital display for temperature and speed- Integrated timer- Unique retractable platform for easy loading and unloading- Angle adjustable accessory tube racks, with Magnetic coupling system available- Communications enabled for external temperature measurement	£25	£100
INCUBATORS/GROWTH CHAMBERS	shaking incubators	MAXQ4450, Thermo Scientific	These versatile shakers are ideal for incubating a small number of vessels and are used for cell culture, solubility studies, extraction procedures, protein expression and many other applications.	£25	£100
INCUBATORS/GROWTH CHAMBERS	oven incubators	Heratherm, Thermo Scientific	5-75 °C; 100L	£10	£35
INCUBATORS/GROWTH CHAMBERS	oven incubators	Binder	20-85 °C	£10	£50
INCUBATORS/GROWTH CHAMBERS	CO2 incubators	Minigalaxy A	25-60 °C	£10	£50
INCUBATORS/GROWTH CHAMBERS	Environmental chamber	SANYO Versatile Environmental chamber	Unit suitable for a wide range of applications. The wide variety of temperatures and lighting patterns that are essential in research, environmental studies and testing can now be accurately reproduced and controlled.	£15	£60
BIOREACTORS	Bioreactor	Applikon 2L flask			£150
BIOREACTORS	Bioreactor	5L flask			£150
AUTOCLAVES	Industrial scale autoclave	Priorclave	Top loading 100 L autoclave. Full standard cycle (121°C, 15 min) takes around 3 hours		£100

AUTOCLAVES	Bench top autoclave	Astell bench top		£20	£100
CENTRIFUGES	Mini Centrifuge	Galaxy 14D benchtop minifuge VWR	Up to 13,000 rpm/14000 g. Supplied with a fixed angle microtube rotor that is easily removed for cleaning and autoclaving. The rotor accepts 18x1.5/2.0 mL tubes	£5	£25
CENTRIFUGES	Centrifuge	Sorvall RC3B Plus refrigerated centrifuge	Large capacity centrifuge. Analog control panel features speed and temperature indicators and selectors, time control, brake switch, run and over-temperature and imbalance lights as well as start and stop switches. Its rotor has a maximum-rated RPM of 5000 and features six large swinging buckets for 500 ml bottles, and adaptors for 50, 30 and 15 ml tubes	£10	£40
CENTRIFUGES	Centrifuge	Heraeus, Refrigerated biofuge	Versatile refrigerated high speed tabletop centrifuge. It allows different fixed-angle, swinging bucket and microplate rotor types to be spun at speeds up to 23,300 rpm (50,377 x g)	£15	£75
CENTRIFUGES	Mini Centrifuge	Mini Spin, Eppendorf	Capacity 12 x 2mL	£5	£25
CENTRIFUGES	Centrifuge	Refrigerated biofuge Fresco 21	The compact refrigerated Biofuge Fresco microlitre centrifuge even at maximum speed operated extremely quietly. Short acceleration and braking times ensure rapid sample processing. Typical capacities: 24 x 0.2-2ml	£10	£40
CENTRIFUGES	Centrifuge	Heraeus, Megafuge 16R, Thermo Scientific	Perfect for clinical protocols, cell culture applications and microplate processing, the refrigerated version is designed for handling temperature-sensitive sample processing between -10° and +40°C.	£10	£40
CENTRIFUGES	Centrifuge	Heraeus, Megafuge 16, Thermo Scientific	Perfect for clinical protocols, cell culture applications and microplate processing.	£10	£40
SPECTRO-FLUO-LUMINO-METERS	Nano Fluorospectrometer	Nanodrop fluorospectrometer ND3300	Measures a wide variety of fluorescence assays and customizable applications. Sample size as small as 1µL. UV, blue and white LED excitation, covering a broad wavelength range. Ability to measure multiple fluorophores from a single sample. Spectral and quantitative data	£20	£100
SPECTRO-FLUO-LUMINO-METERS	Nano Spectrophotometer	Implen Nanophotometer	The Implen NanoPhotometer spectrophotometer is a mobile, simple to use UV/Visible instrument with a CCD array detector with options ranging from nanovolume to standard cuvette and all-in-one solutions.	£20	£100
SPECTRO-FLUO-LUMINO-METERS	Plate reader	BMG polarstar plate reader	The FLUOstar is a multifunctional microplate reader that supports a wide variety of applications and the following reading modes: fluorescence intensity and absorbance. Abs: 405, 450 and 595nm Fluor: Ex:544, 410, 480, 330, 492 nm Em: 675, 460, 520, 575, 530, 570 nm	£60	£300
SPECTRO-FLUO-	Plate reader	Bio-Tek EL 808	It is a stand-alone microplate absorbance reader that can consistently provide	£40	£200

LUMINO-METERS			flexibility, precision, and accuracy to your data analysis. The EL808 fits standard 96-well plates, and has a filter for absorbance at 405, 490, 550, 570, 600 nm. It uses a tungsten halogen light source and has a wavelength range of 380 to 900nm, a dynamic range of 0 to 4 OD and a resolution of 0.001 OD.		
SPECTRO-FLUO-LUMINO-METERS	Plate reader	Synergy, HTX, Bio-Tek	UV-Vis absorbance, fluorescence and luminescence. For 6- to 384-well microplates and Take3™ Micro-Volume Plates. Low volume (2 µL) nucleic acid and protein quantification with Take3 plates. Cell-friendly shaking and incubation. Dual reagent injectors for inject/read assays.	£60	£300
SPECTRO-FLUO-LUMINO-METERS	Cuvette Spectrophotometer	Jenway Genova spectrophotometer	Optimised for low volume analysis the determination of DNA levels as low as 70ng with sample volumes as low as 20 µl is possible using the capillary sampling accessory. The Genova will automatically calculate ratios at 260/280 or 260/230 with an optional subtraction of a third wavelength (typically 320nm). Alternatively, pre-programmed factors allow direct readings of ssDNA, dsDNA, RNA and Oligonucleotides.	£15	£75
SPECTRO-FLUO-LUMINO-METERS	Cuvette Spectrophotometer	Novaspec Plus	Incorporates diode array technology for rapid wavelength scanning in a highly reliable and low-maintenance instrument suitable for general biotech laboratory use.	£15	£75
MICROSCOPES	Light Microscope	Motic AE20	Biological Inverted Microscope. High N. A. Infinity color-corrected brightfield and phase contrast objectives; ergonomic layout of controls for comfortable viewing over extended periods; ideal for quick screening of Petri dishes, flasks, multi-well plates, slides.	£20	£100
MICROSCOPES	Light Microscope	Zeiss	Objective lenses: 5X, 10X, 20X, 40X, 60X, 100X	£20	£100
MICROSCOPES	Fluorescent Microscope	Leica DM2500, DFC 3000G camera		£50	£250
LIQUID CHROMATOGRAPHY	HPLC system	Agilent HPLC 1200	The 1200 series achieves high levels of sample throughput by the use of quaternary pump, autosampler and module for fraction collection. The high pressure operation and the use of short columns with small diameter media result in fast, high resolution separations.	£100	£540
LIQUID CHROMATOGRAPHY	HPLC system	HPLC column	Bio-Sil 125-5, 300mm x 7.8 mm		
LIQUID CHROMATOGRAPHY	HPLC system	HPLC column	Sepax Technologies 7.8 x 300 mm, 5µm		
LIQUID CHROMATOGRAPHY	HPLC system	HPLC column	Sepax Technologies 7.8 x 50 mm, 5µm		

LIQUID CHROMATOGRAPHY	HPLC system	HPLC column	Tosoh Bioscience 7.8 mm ID x 30, 0 cm		
LIQUID CHROMATOGRAPHY	FPLC system	Protein purification unit AKTA start purifier	ÄKTA start is an easy-to-use chromatography system that automates manual purification procedures using for example HiTrap columns. Easily purify your tagged proteins, antibodies, etc. Gain insights from real-time monitoring. Evaluate and share your purification results.	£60	£300
HOODS	Fume cabinet	Fume cabinet		£10	£50
HOODS	Sterile laminar flow cabinet	Clean air Techniek BV	It provides operator, product and environmental protection. Design with sloped window. Type EF/SB is a Class II biological safety cabinet with slope window	£10	£50
HOODS	Sterile laminar flow cabinet	Microflow biological safety cabinet	Class II cabinet that provides operator and product protection.	£10	£50
HOODS	Sterile laminar flow cabinet	MSC Advantage, Thermo Scientific		£10	£50
IMAGING SYSTEMS	Imaging system	ChemiDoc Touch, Bio-Rad	It provides fast, reliable, and sensitive imaging and documentation of gels and chemiluminescence western blots. This system is compatible with stain-free technology, chemiluminescence detection, and a wide range of gel stains such as ethidium bromide, SYPRO Ruby, Coomassie, and silver stains.	£30	£150
IMAGING SYSTEMS	Transilluminator	UV-vis Lambda 25 UV transilluminator		£15	£75
IMAGING SYSTEMS	Gel Scanner	Image Scanner Amersham Biosciences		£15	£75
MOLECULE INTERACTION	Surface plasmon resonance	Biacore 3000 SPR system	Biacore 3000 is the highest performance research system available for label free studies of biomolecular binding. Samples ranging from small molecules to crude extracts, lipid vesicles, viruses, bacteria and eucaryotic cells can be studied. Biacore 3000 answers questions about the speed, strength and specificity of binding and determines the active concentrations of components.	£100	£540
PROTEIN ANALYSES	Protein Electrophoresis and blot system	XCell SureLock™ Mini-Cell	The XCell SureLock Mini-Cell allows you to run and blot mini-gels quickly, easily, and leak-free without any clamps or grease.	£20	£100
RAMAN	Hand Held Raman Spectrometer	BW Tek NanoRam	Instrument for nondestructive identification and verification of materials such as APIs, excipients, intermediates, & finished products. Utilizing Raman technology, non-contact analysis can be performed through transparent containers, all while maintaining the volume and integrity of the sample.	£20	£80

LINKAM	Temperature Controlled Stages	Linkam scientific PE95 instrument and PE120 Peltier temperature controlled system	Linkam system controller capable of not only precision temperature control, but also moving precision stepper motors, displaying data from high resolution force transducers, humidity sensors, gas sensors and data streaming on to a live video feed.	£10	£50
SONICATORS	Probe Sonicator	SANYO, Soniprep 150	It is a benchtop ultrasonic disintegrator enclosed in a purpose built chamber to reduce residual noise from sonication.	£25	£100
SONICATORS	Sonicator	Fisher Scientific, FB50		£25	£100
SONICATORS	Bath Sonicator	EMMI-4	Ultrasonic baths can be used for cleaning or indirect contact homogenisation. Where direct contact ultrasonic homogenisation is inappropriate, ultrasonic baths allow gentle homogenisation (sonication) through the walls of, for instance, a plastic or glass tube.	£25	£100
3D PRINTERS	Desktop 3D printer	Formlabs Form2		£50	£250
NANOTECHNOLOGIES	Soldering station with hot air for PCBs	AOYUE 968A+			
NANOTECHNOLOGIES	Laser system	Lotus Meta C1 30W YLPP	Power: 30 W; Wavelength: 1064 nm; Pulse duration: 0.15 ns, 1 ns, 2 ns and 5 ns	£75	£250
PROTEIN ANALYSES	Zetasizer system	Malvern, NanoZS	It is used for the measurement of the size, electrophoretic mobility of proteins, zeta potential of colloids and nanoparticles, and optionally the measurement of protein mobility and microrheology of protein and polymer solutions. The high performance of the Zetasizer Nano ZS also enables the measurement of the molecular weight and second virial coefficient, A ₂ , of macromolecules and kD, the DLS interaction parameter.		
LAB ESSENTIALS	Water purification systems	Barnstead, Smart 2 Pure, Thermo Scientific			
MICROBIOLOGY	Colony counter	Stuart, SC6PLUS	Touch pressure with felt tip marker on petri dish registers cumulative count on the digital display with confirmation by audible tone (can be turned on or off). The pressure required to register a count can be adjusted to suit each user. Averaging facility calculates average count over multiple plates. Counting results as well as useful statistics including SD can be sent directly to the accessory printer or to a computer via a USB cable supplied. Sub-stage illumination by low energy bright LED's allows glare-free optimum viewing. A switchable black background is provided to enhance viewing of translucent and difficult to see colonies. Supplied with two Wolffhuegel graticules and dish centering adapters to facilitate use with 50mm to 90mm dishes.		