



New Lab Start Up Check List



Equipment & Instrumentation

Centrifuges	Mini, micro, benchtop, refrigerated, ultra	
Chromatography	Gas generators	
Concentration	Centrifugal evaporators	
	Freeze dryers	
	Rotary evaporators	
	Vacuum concentrators	
Cooling	Baths	
	Circulators	
	Cryogenic storage/dewars	
	Cryostats/chillers	
	Freezers	
	Ice makers	
	Cooling incubators	
	Refrigerators	
	Ultra-low freezers	
Heating	Baths	
	Circulators	
	Block heaters	
	Furnaces	
	Heating mantles	
	Hotplates	
	Humidity cabinets	
	Incubators, shaking & CO2	
	Ovens	
	Thermoreactors	
Instrumentation	Colorimeters	
	Conductivity meters	
	Conductivity standards	
	Density meters	
	DO meters	
	Fluorimeters	
	Hygrometers	
	pH meters	
	pH electrodes	
	Photometers	
	Polarimeters	
	Refractometers	
	Spectrophotometers	
	Turbidity meters	
	Viscometers	
Microscopy	Microscopes	
	Illuminators	
	Slides/slips	

Pumps	Peristaltic pumps	
	Pump tubing	
	Vacuum pumps	
Sample Preparation	Homogenisers	
	Lab blenders	
	Mills & grinders	
	Sieves	
	Stomachers	
Shaking & Stirring	Magnetic stirrers	
	Overhead stirrers	
	Platform shakers	
	Rotators/rockers	
	Stirring bars/fleas	
	Vortex shakers & stirrers	
Sterilisation	Autoclaves, benchtop, standing	
	Sterilizers	
Storage	Flammable material storage cabinets	
	Fume cupboards, ductless/ducted	
	Safety storage cabinets	
Thermometry	Data loggers	
	Melting point apparatus	
	Thermometers, glass & digital	
Washing	Labware washers	
	Microplate washers	
	Pipette washers	
	Ultrasonic baths	

Lab Essentials & Consumables

Chromatography	Chiral columns	
	Column packing	
	Fittings & tubing	
	GC columns	
	HPLC columns	
	Paper	
	Silica	
	SPE columns	
	Syringes	
	TLC plates	
	Vials	

Lab Essentials	Autoclave bags	
	Bench protectors	
	Ceramics	
	Clamps	
	Crucibles & dishes	
	Desiccators	
	Dewar flasks	
	Printers	
	Racks & supports	
	Sample bags	
	Sealing film	
	Stir bars	
	Stomacher bags	
	Thermometers	
	Timers	
	Tubing & supplies	
	Weighing dishes	
Filtration	Centrifugal devices	
	Dialysis	
	Filter papers	
	Filtration units	
	Membrane filters	
	Syringe filters	
Glassware	Bottles	
	Cuvettes	
	General laboratory ware	
	Jointed ware	
	Tubes & tubing	
	Volumetrics	
Liquid Handling	Digital burettes	
	Dispensers and diluters	
	Pasteur pipettes	
	Pipette fillers	
	Pipettor tips	
	Pipettors	
	Serological pipettes	
	Transfer pipettes	
Plasticware	Bottles	
	Carboys	
	Centrifuge tubes	
	Cryogenic vials	
	Cuvettes	
	General laboratory plasticware	
	Microplates	
	Petri dishes	
	Racks	
	Tubing	
	Volumetrics	
	Wash bottles	

Life Science

Reagents & Kits	Amplification (PCR)	
	Antibodies	
	Blotting	
	Cell culture media	
	Cell line identification	
	DNA, RNA	
	Electrophoresis, gels & reagents	
	Histology	
	Microbiology	
	Protein purification	
Consumables	Cell culture dishes & plates	
	PCR plates, tubes	

Safety

Safety	Clothing, laboratory & cleanroom	
	Ear protection	
	Eye protection	
	Gloves industrial	
	Gloves, laboratory & cleanroom	
	Hand cleansers	
	Hazardous handling, storage and disposal	
	Head protection	
	Mats	
	Mops & cleaners	
	Respiratory protection	
	Shoes & shoe covers	
	Spillage	
	Wipes/wipers	
	Workwear & outdoor wear	

Chemicals

Chemicals	Acids	
	Bases	
	Buffer standard solutions	
	Chromatography	
	High purity inorganics	
	Karl Fisher reagents	
	Organometallic reagents	
	Pure elements	
	Reagents	
	Salts and oxides	
	Solvents	
	Standard volumetric solutions	