

## Instruments Rates (2017-2018) and user Policy

Equipments	Description of Instruments	BBC Incubatees	IBAB/CHG	Academics (Govt/semi govt. inst.)	Private Industries/for profit orgn.
<b>Microscopy Facility (per hour at max 3 samples)</b>					
Nikon-Confocal	Nikon Laser Scanning Confocal microscope model C2 with spectral facility	300/hr	300/hr	1500/hr	3000/hr
Nikon-Fluorescence Microscope	Nikon Upright microscope ECLIPSE Ni-U and Inverted Microscope Eclipse Ti U main body	100/hr	100/hr	500/hr	1000/hr
Stereozoom microscope, Tissue Culture Inverted Microscopes and Upright Microscopes	SMZ1270 Zooming body, Leica DM 2500 Upright Microscope for transmitted light and fluorescence, Nikon TS100LED-F MV Main Body and Leica DMi1 Tissue Culture Microscope and Leica M205 C Stereomicroscope	free	free	250/hr	500/hr
<b>Histology (per sample basis)</b>					
Microtome	Leica Semi motorised microtome	100	100	300	500
Vibrotome	Leica vibrotome model with motorised sectioning with chiller support	100	100	300	500
Cryostat	Leica cryostat	100	150	400	600
Paraffin embedding system	Leica Tissue embedder with cold and hot plates	free	free	250	500
Slide stainer	Leica slide strainer	free	free	free	free
<b>Proteomics facility and small molecule analysis lab (hour basis, max 2 samples/hr)</b>					
Avant FPLC	GE-Chromatography system AKTA Avant	300/run	300/run	600	2000
FPLC explorer	Bio-Rad 788-0003 NGCTM Quest	300/run	300/run	500	2000
Shimadzu-LC-MS	LCMS-2020 Single Quadropole Mass Spectrometer	500	500	2000	4000
Prep/Analytical HPLC	Shimadzu promonence LC-20 AP preparative HPLC system with Fraction collector	200	250	500	2000
WATERS HPLC system	176801000 Alliance HPLC Systems with 176248901 2489 UV/Visible Detector, Fluorescence Detector (blue)	200	250	500	2000

LC Automated System	176003057 Prep 150Q LC Automated System w/PDA	200	250	500	2000
Protein Analysis	Nano Differential Scanning Calorimeter with Platinum Capillary Cells; (WATERS)	1000/sample	1000/sample	2000	4000
Protein Analysis	Nano Isothermal Titration Calorimeter Low Volume Gold: Nano ITC Low Volume System (WATERS)	1000/sample	1000/sample	1500	3000
Gas Chromatography	G4350A Agilent 7820A GC System	200	200	400	800
<b>FACS facility</b>					
Cell Sorter	S3e CELL SORTER 488 LASERS and S3e Biosafety Cabinet	250/hr	300/hr	600/hr	1200/hr
Flow cytometry	BD-Flow Cytometer	250/hr	300/hr	600/hr	1200/hr
RT-PCR	Agilent G8830A AriaMx Real-Time PCR	20/well or 400/plate	20/well or 400/plate	80/well or 1000/plate	150/well or 1500/plt
Multiplex immuno assay system	171000203 Bio-Plex Suspension Array System 200,	400/hr	400/hr	1000/hr	2000/hr
<b>Fermentation and others facility (Sample/24 hrs)</b>					
Fermenters	Sartorius/Applikon  Z4AEZ0015M Bundle autoclave 15L Microbial ez  Z4AEZ0005C Bundle autocl. 5L cell ez 230V with Accessories, 1.5L and 3 L  Microbial / Aminimal cell culture	500	500	2000	5000
MicroMatrix	Applikon Fermenter	600	600	2000	5000
Freeze Drier (variable: according to sample number)	BTP_8ZL00X-I Bench Top Pro	50	50	400	800
Freeze Drier (variable according to sample number)	VIRTIS GENESIS PILOT FREEZE DRYER	150	150	500	1000
Liquid nitrogen	MVS Liquid Nitrogen Generator	30	30	50	100
Bio suites	BSL2 LAF use	250/hr	250/hr	800/hr	1500/hr
CO2 incubator	Animal cell culture	50/day	100/day	400/day	1000/day

Plant tissue culture incubator	Plant tissue culture	50/day	100/day	200/day	500/day
Microplate reader	Perkin elmer 2300-0000 EnSpire Base Unit; 2301-0130 Label Free	200/run	200/run	400/run	800/run
Microplate reader	Molecular devices M5e-ACAD SpectraMax M5e Multi-Detection	50/run	50/run	250/run	500/run
Microplate reader	Molecular devices Spectra Max L – Spectra Max L Luminescence Microplate Reader	50/run	50/run	250/run	500/run
UV-Vis spectrophotometer	Agilent G9825AA Cary 5000 UV-Vis-NIR	100-200/run	100-200/run	400/run	800/run
<b>Common instruments</b>					
Homogeniser (all, tissue or microbial)/ DNA extractor (MP Biologics)	High Pressure Homogenizer	100/sample (without beads)	100/sample	250/hr	500/hr
Cross Flow Filtration System	Sartorius	nil	nil	250/hr	1000/hr
Floor Ultra Centrifuge	Beckman	100/sample	100/sample	250/sample	1000/sample
Benchtop Ultracentrifuge	Beckman	100/sample	100/sample	250/sample	1000/sample
Autoclave	JS Research inc and Tuttnaur	Free for common cycle. Additional 250/cycle			

## Free Instruments (Only for Internal Incubatees)

Equipment	Company	Description	Charge
Spectrophotometer	Bio-Rad and Eppendorf	SmartSpec Plus Spectrophotometer and Biospectrometer	Free
Shakers	Eppendorf	M1324-0006 126R Stackable Incubator Shaker	Free
LAF	Labconco	5ft Purifier Horizontal Clean Bench with UV Light	Free
Electroporators	Bio-Rad and Lonza	MicroPulser, Genepulser and Nucleofectometer	Free
Incubators	JS research Inc	General Incubator and MIR -254 Cooled incubator	Free
Microplate washer	Molecular devices	Aquamax 2000 Bundle – Aquamax 2000 Base Unit	Free
Anaerobic Chamber	Ruskinn	Bugbox	Free
Water baths	Polyscience, Triune and JS Research	7L Refrigerated Circulating water bath and 15L Refrigerated circulating water bath	Free
Thermo mixer	Eppendorf	5382 000.015 ThermoMixer C, basic device without thermoblock, 220-240V	Free
Labindia	CTS Europe	BUB STY RED Safety Bubble	Free
Gel doc and Amersham Imager	Bio-Rad and Vilber Lourmat, GE	Gel Doc XR+, Molecular Imager Gel Doc System, Chemidoc, Bio Print and Amersham Imager	Free
PCR	Bio-Rad	T100™ Thermal Cycler	Free
Automated Electrophoresis System	Bio-Rad	Experion System, for DNA/RANA analysis, Protein	Free
Automated Liquid Handling System	Beckman	B22637 Biomek 4000 Automated PCR Set-up	Free
Sonicator	Q sonica	Sonicator	Free
Mini Centrifuge	Thomas Scientific	Mini Centrifuge Red 230V/52Hz	Free
Heater	Bibby Scientific	DB100/2 Dry Block Heater	Free
Magnetic Stirrer	Bibby Scientific	UC152 Hot plate with Magnetic Stirrer	Free

Speed Rollers	Bibby Scientific	SRT6D Digital Control Variable Speed Rollers	Free
Rotators	Bibby Scientific	SB3 Rotator	Free
Vortex mixers	Bibby Scientific	SA8 Vortex Mixer	Free
Rockers	Bibby Scientific	SSL3 Lab Scale Gyrotory Rocker	Free
Shakers	Bibby Scientific	SSM5 Microtitre plate Shaker	Free
Water bath	Bibby Scientific	6 Litre Waterbath	Free
Laboratory Glassware Washer dryer	Gettinge Lancer	Model Labexia 1300 LX , 380/400V,	Free
Autoclave	JS Research inc and Tuttnaur	JSAC-100 Autoclave/Steam Sterilizer and 5596-250 ltrs floor standing model	Free
Oven	JS research	Convection Oven	Free
Pass box	JJ Biotek	Pass Box	Free
Ice flake Machine	Brema	GB 1540 Ice Flake Machine	Free
Deep Freezer	Scimed	MDF-U55V -80°C Deep Freeze	Free
Freezer	Scimed	-30°C Upright Deep Freezer	Free
Refrigerators	Scimed	Pharmaceutical Refrigerators	Free
Liquid nitrogen storage	Taylor Wharton	LD50 Liquid Nitrogen Storage Dewar	Free
Water purification system	Sartorius and Elga	Ultra-pure analytical water	Free

**Equipment's Policy for users/ Terms and Conditions to use BBC Equipment's and other Facilities:**

1. Equipment rates are subject to revision based on the decision of the management, market forces, demand and supply etc.
2. Users are requested to book their slot at least 2 days prior to their analysis.
3. Maximum **10% discount** will be given for leasing out any instruments for **external users**.
4. For -20 °C -80°C, refrigerator --Free 1 rack only and extra rack to be charged at Rs 150/ month (Internal).
5. Users can apply for lease of any instruments upto maximum 1-month subject to availability and will be after sole discussion with management.
6. For external users, 100% payments have to be made in advance and for internal users the payment will be calculated as monthly basis.

7. For internal users, payment has to be made within 7days, after the received of Invoice at the end of every month. IBAB & CHG payment has to clear at the end of the month (combine invoice).
8. The Incubatees using the equipment should be well conversant and experienced in using the equipment's. Any inexperienced person will not be allowed to use the equipment's.
9. It is the sole responsibility of Incubatees to take due care of the equipment's while using and Clean the instruments after use. If any damage is incurred to the equipment's during its operations, company using the equipment will have to pay for the damages required to bring back the equipment to its original usable condition.
10. If analysis/ method developments/other technical support of samples are required, then the extra charge will be applicable. This will vary case to case basis.

### **Services**

For analysis of External sample, registration or slot booking is essential as it gives you a priority number and as a reference to your sample. The registration forms (Job order) are available at the BBC Office or can be downloaded from BBC website. Users may contact in-person with the filled-up user registration form with valid **Cheque/Demand draft** in favour of **Bangalore Bioinnovation Centre**, Payable at **Bangalore**.

**Users have to pay service tax (15% extra) with user charges according to service Tax Act.**

**To book your slot please contact**

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