

THE HONG KONG POLYTECHNIC UNIVERSITY
University Research Facility in Behavioral and Systems Neuroscience
Charging Scheme

Name of Equipment	Location	Charge per session (HKD)						Unit time per session (hour) (Note 2)
		PolyU Users (Note 1)		Users from other UGC-funded Universities / Self-financed local universities / Non-local universities / HKSAR Government		Other External Users		
		Current Charge	New Charge	Current Charge	New Charge	Current Charge	New Charge	
Behavioral Tests (Human)								
EyeLink 1000 Plus Eye Tracker	ZB218	30	36	60	75	150	195	1.0
Tobii Pro Glasses 3 Eye Tracker	ZB218	30	36	60	75	150	195	1.0
Treadmill SciFit AC5000	ZB218	10	12	20	25	50	65	1.0
Brain Stimulation (Human)								
MagVenture Transcranial Magnetic Stimulation System (TMS)	ZB217	80	96	160	200	400	520	1.0
Soterix Transcranial Electrical Stimulator (tES)	ZB217	10	12	20	25	50	65	0.5
Starstim 8 tES and EEG system	ZB217	30	36	60	75	150	195	New equipment (TBD)
Electrophysiology (Human)								
Neuroscan 64-channel EEG/ERP	ZB217	60	72	120	150	300	390	1.5
Neuroscan High Res 128-channel EEG/ERP	ZB217	110	132	220	275	550	715	2.0
Neuroscan High Res 256-channel EEG/ERP	ZB217	220	264	440	550	1,100	1430	3.0
Neuroscan Okti 64-channel Mobile EEG	ZB217	50	60	100	125	250	325	New equipment (TBD)
Neuroscan Okti 128-channel Mobile EEG	ZB217	70	84	140	175	350	455	New equipment (TBD)
ANT Neuro Mobile EEG	ZB217	90	108	180	225	450	585	1.5
Imaging (Human)								
NIRSport 2 Functional Near Infra-red Spectroscopy (fNIRS)	ZB217	80	96	160	200	400	520	1.0
Hitachi Optical Topography System (fNIRS)	ZB217	220	264	440	550	1,100	1430	1.5
Heidelberg Optical Coherence Tomography (OCT)	Optometry Clinic	120	144	240	300	600	780	1.0
Transcranial Ultrasound Doppler (TCD) System Integrated with Continuous Blood Pressure Monitoring	ZB218	60	72	120	150	300	390	1.0
MRI*	ZB216	1600	2000	5000	6500	8000	10000	1.0
Behavioral Tests (Animal)								
Running Wheel for mice	ST108	20	24	40	50	100	130	9.0 (See Note 3 & 4)
Open Field	ST108	20	24	40	50	100	130	9.0 (See Note 3 & 4)
Tail Suspension Test	ST108	20	24	40	50	100	130	9.0 (See Note 3 & 4)
Forced Swim Test	ST108	20	24	40	50	100	130	9.0 (See Note 3 & 4)
Electrophysiology (Animal)								
Animal Visual Evoked Potentials (VEP) System	Y523	240	288	480	600	1,200	1560	5.0
Multifocal Visual Evoked Cortical Potentials (VECP) System	Y523	60	72	120	150	300	390	5.0
Patch Clamp Recording System for Culture Cell	ST108	30	36	60	75	150	195	9.0 (See Note 4)
Double Patch Clamp for Brain Slice	ST108	110	132	220	275	550	715	9.0 (See Note 4)
Double Patch Clamp for Retina	GH112	70	84	140	175	350	455	9.0 (See Note 4)
Microelectrode Array 256 channels	GH112	60	72	120	150	300	390	9.0 (See Note 4)
Microelectrode Array (MEA) System for Brain Slice	ST108	30	36	60	75	150	195	9.0 (See Note 4)
Imaging (Animal)								
Powered Zoom Stereomicroscope for Microsurgery	Y523	30	36	60	75	150	195	4.0
Upright Confocal Microscope	GH112	100	120	200	250	500	650	1.0
Others								
Vibrating microtome	GH112	20	24	40	50	100	130	2.0

Vibrating microtome	ST108	20	24	40	50	100	130	2.0
Near Infra-red Spectroscopy (NIRS)	ZB217	90	108	180	225	450	585	1.0
Electronic von Frey	ST108	20	24	40	50	100	130	1.0
Injection pump (Harvard 11 Elite Nanomite)	ST108	20	24	40	50	100	130	1.0
Injection pump (Harvard PHD ULTRA 70-3007)	ST108	20	24	40	50	100	130	1.0
Electromagnetic and Acoustic Double-shielding Chamber	ZB217	20	24	40	50	100	130	1.0
Mock MR Scanner	ZB220	40	48	80	100	200	260	1.0

*MRI charging for collaborative projects (PolyU Co-I with external account): \$4000/hr

*Evening and weekend scanning: \$2500/hr. (\$5000/hr for collaborative projects)

*MRI-compatible TMS = \$145/hr (~25%+), TMS stimulation = \$2.3/pulse (~25%+)

Note:

1. a) Non-PolyU users who collaborate with PolyU UBSN PIs (as PI or co-I) are categorized under "PolyU Users".
- b) To support the strategic plan of embedding research in undergraduate programme, UBSN PIs who supervise Final Year Capstone Project are eligible for booking for their students 50 free sessions during the project period. The leading student researcher will need to register under the name of the supervisor as a UBSN student users and reserve equipment through our online booking system. Charging will incur as per the PolyU UBSN User rate if the number of usage sessions exceeds 50 sessions.
- c) UBSN may offer special charging rate for PIs who lack external and internal research fund support at the discretion of the UBSN Director.
2. The time allocated to one "session" includes the times required for the data collection, as well as carrying out the preparatory procedures before data collection and the cleanup procedures after the data collection.
3. The Animal Behavioral Test System is stored in ST108. Users should contact UBSN staff for checking in and out the equipment. After checking out the equipment, users will fetch the equipment to the Centralised Animal Facilities (CAF) where the experiment is to be conducted. Upon completion of the experiment, users should contact UBSN staff for returning the equipment to ST108.
4. The minimum hours of usage of the equipment is set at nine hours per session. The nine hours are also the maximum number of hours to be charged for the use of the equipment on one day (in case of > 9 hours). If no special arrangements are made, the equipment should be returned no later than 6:00 pm each day.
5. UBSN reserves the rights to make final decisions on determining which group a user would belong to and whether a discount rate is to be offered to any user.
6. The use of equipment for teaching UGC funded undergraduate and postgraduate subjects will not be charged.
7. All charging rates are subject to change without prior notice. Users should refer to the latest version of this charging scheme, which is available on the UBSN webpage (<https://ubsn.polyu.edu.hk>).
8. For information regarding human MRI equipment, please refer to <https://www.polyu.edu.hk/en/ubsn/facilities/mri/>.