

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

Charging Scheme (*updated 11 Oct 2023)

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	
Behavioral Tests (Human)					
EyeLink 1000 Plus Eye Tracker	ZB218	30	60	150	1.0
Tobii Pro Glasses 3 Eye Tracker	ZB218	30	60	150	1.0
VICON Motion Analysis for Upper Limb	ZB218	60	120	300	3.0
Dynamic Stability and Balance Learning Environment (DynSTABLE)	ZB218	90	180	450	1.0
Treadmill SciFit AC5000	ZB218	10	20	50	1.0
Brain Stimulation (Human)					
MagVenture Transcranial Magnetic Stimulation System (TMS)	ZB217	80	160	400	1.0
Soterix Transcranial Direct Current Stimulator (tDCS)	ZB217	10	20	50	0.5
Electrophysiology (Human)					
Neuroscan 64-channel EEG/ERP	ZB217	60	120	300	1.5
Neuroscan High Res 128-channel EEG/ERP	ZB217	110	220	550	2.0
Neuroscan High Res 256-channel EEG/ERP	ZB217	220	440	1,100	3.0
ANT Neuro Mobile EEG	ZB217	90	180	450	1.5
Imaging (Human)					
NIRSport 2 Functional Near Infra-red Spectroscopy (fNIRS)	ZB217	80	160	400	1.0
Hitachi Optical Topography System (fNIRS)	ZB217	220	440	1,100	1.5
Heidelberg Optical Coherence Tomography (OCT)	Optometry Clinic	120	240	600	1.0

Transcranial Ultrasound Doppler (TCD) System Integrated with Continuous Blood Pressure Monitoring	ZB218	60	120	300	1.0
Behavioral Tests (Animal)					
Running Wheel for mice	ST108	20	40	100	9.0 (See Note 3)
Open Fields	ST108	20	40	100	9.0 (See Note 3)
Electrophysiology (Animal)					
Animal Visual Evoked Potentials (VEP) System	Y523	240	480	1,200	5.0
Multifocal Visual Evoked Cortical Potentials (VECP) System	Y523	60	120	300	5.0
Patch Clamp Recording System for Culture Cell	ST108	30	60	150	9.0 (See Note 4)
Double Patch Clamp for Brain Slice	ST108	110	220	550	9.0 (See Note 4)
Double Patch Clamp for Retina	GH112	70	140	350	9.0 (See Note 4)
Microelectrode Array 256 channels	GH112	60	120	300	9.0 (See Note 4)
Microelectrode Array (MEA) System for Brain Slice	ST108	30	60	150	9.0 (See Note 4)
Imaging (Animal)					
Powered Zoom Stereomicroscope for Microsurgery	Y523	30	60	150	4.0
Upright Confocal Microscope	GH112	100	200	500	1.0
Others					
Vibrating microtome	GH112	20	40	100	2.0
Vibrating microtome	ST108	20	40	100	2.0
Near Infra-red Spectroscopy (NIRS)	ZB217	90	180	450	1.0
Electronic von Frey	ST108	20	40	100	1.0
Injection pump (Harvard 11 Elite Nanomite)	ST108	20	40	100	1.0
Injection pump (Harvard PHD ULTRA 70-3007)	ST108	20	40	100	1.0
Electromagnetic and Acoustic Double-shielding Chamber	ZB217	20	40	100	1.0
Mock MR Scanner	ZB220	40	80	200	1.0

Note:

1. a) Non-PolyU users who collaborate with PolyU UBSN PIs (as PI or co-I) are categorized under “PolyU Users”.

b) UBSN PIs are eligible for booking 10 free sessions for gathering pilot data for purpose of bidding external grants. Please follow the “Procedures on Applying for Free Sessions for Research Proposal Writing” available at <https://ubsn.polyu.edu.hk/Index/Download>.

c) 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.

d) 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.
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). The return of the equipment should be before 6:00 pm of each day.
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).
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/>.