

FACULTY OF MEDICINE

Empowering Innovation in Scientific Research and Education

Physiology and Pathophysiology Research Laboratory (LRPP-FM) Isolated Working Heart Systems



Acceptable device age

5 years



Equipment Description

Isolated Working Heart Systems provide all the glassware for perfusing small animal hearts, and the acquisition hardware and software for working heart data collection and analysis, including pressure, biopotentials and temperature.



Use (research, diagnosis, etc.)

Langendorff, MAP, LVP, perfusion pressure, coronary flow, puffer temperature, heart rate, ECG, surface potential, muscle tone and muscle strength.



Estimated frequency of use

100 % (integrated to the main research axis of the lab).



Possibility of sharing with other laboratories

USJ-FP: Pharmacology and toxicology- USJ-FS: Chemistry and biochemistry department. Laboratories from extra USJ: UL and AUB for example.



Cost Estimate : \$38,000



[For more details](#)

For any monetary donation, please scan the QR code
 Be sure to specify the name of the equipment

Contact us for any new or gently used lab equipment.
 Northamerica@usjbeirut.org (832) 360-6951

