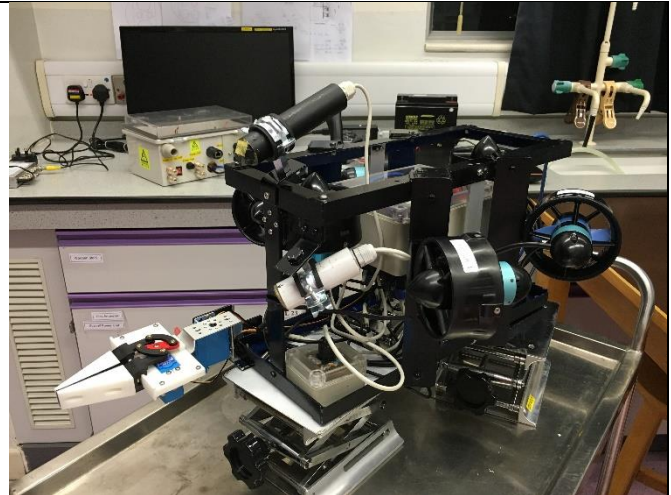


School name: Po Leung Kuk Ngan Po Ling College
Team name: Underwater Robot Team
Company name: AquaRobotics Tech II

ROV SPECS:

ROV Name	Type III Mark II
Total Cost	USD\$1,645 (up to 2 nd April 2016)
Materials Used	Aluminum Alloy (Frame) ABS Plastic (Manipulator)
Dimensions	Length: 400mm Width: 400mm Height: 330mm
Maximum Electric Power Consumed	140W
Weight	4.0 kg (Without Tether) 10.2 kg (With Tether)
Speed	Horizontal Speed: 1.1m/s Rotational Speed: 1.51 rad/s
Operating Voltage	12VDC
Cameras:	One wide-angle camera One normal camera



Safety features:

- Motor Guard
- Digital ammeter and voltmeter for monitoring current drawn and voltage supplied
- Emergency STOP that will stall the robot in case of emergency

Special features

- Aluminium alloy frame
- Ergonomics controls
- 4-vectored propulsion configuration
- Gyro-info OSD
- Trio axis movement manipulator
- Quick fit accessories
- Quick assemble electronic box

<i>Po Leung Kuk Ngan Po Ling College ROV team AquaRobotics Tech II</i>	
<i>Team instructor</i>	Chan Sung Chun
<i>Mentor</i>	Leung Chit Kei, Jacky
<i>CEO, Electrical Engineer</i>	Chau Tsz Lam
<i>General Secretary, Pilot</i>	Yip Willis
<i>Chief Financial Secretary</i>	Feng Yi
<i>Lead Mechanical Engineer</i>	Lau Suk Ming
<i>Lead Electrical Engineer</i>	Wong Yat Chun

