

COMPANY SPECS

Company and School Name: Dragon Saber. City University of Hong Kong
Home Sate: Hong Kong, China

Distance Required to Travel to the International Competition: About 7665.8 Miles, and the approximate flight duration time is 15hrs 55mins.

History of MATE ROV Competition Participation: We have had a ten-year's rich experience on the MATE competition and stood for Hong Kong to participate in the final round. Particularly, our company, one of the cooperative partners of MATE competition, played the role of judge in last year competition.

Range of Grade: All the members are undergraduates, and most of us are year 2 students.



Form left to right:

Internal Leader, Casper; Financial Secretary, Bison;
Publicity Leader, Newton; Instructor Professor Yeung;
External Advisor, Paul Hodgson; CEO, Aaron;
External Leader, Peter; Project Manager, Milkie

ROV SPECS

ROV Name: Dragon Saber
Total Cost: HKD\$29,591.09

Safety Features:

Mechanical safety: First, all corners and sharp points are polished into round corners. Second, screw propeller are covered by safety cover or placed inside the robot in case of accidentally dropping or twined with cable.

Electrical Safety:All electronic connection is wrapped up by epoxy resin preventing current leakage. Then, short circuit testing before every the robot is tested in water. Also, nobody is allowed to touch the water until all power supply is shut down. And fuse is used on every power supply wire.

Special Feature:

- The smallest size in the history of company
- Wireless control platform
- Keeping balance with self-control system
- Measuring the distance /length by measurer
- Sampling by sampler

