

Spec Sheet

Company Spec



4th year competing in MATE ROV

13214 km travel distance from HK to TN, USA

Sze Tsz Ho	CEO	Year 4
Wong Wui Leung	Project Manager	Year 4
Chung Wing Lam	Mechanical Lead	Year 4
Cheng Yuk Shing	Electronic Lead	Year 3
Li Shing Hin	Software Lead	Year 2
Chan Yu Hin*	Mechanical Engineer	Year 1
Yeung On Lik	Mechanical Engineer	Year 3
Tang Ho Tung*	Mechanical Engineer	Year 3
Cheng Ki Fung*	Electronic Engineer	Year 1
Lam Cheuk Yiu*	Electronic Engineer	Year 2
Lam Nga Wai	Electronic Engineer	Year 2
Ngan Wai Sing*	Electronic Engineer	Year 1
Tang Chun Ki	Electronic Engineer	Year 2
Wong Ho San*	Electronic Engineer	Year 1
Yue Man Hon	Electronic Engineer	Year 4
Lau Lee	Software Engineer	Year 4
Ng Man Lung*	Software Engineer	Year 1
Mok Tsz Ling	PR Officer	Year 4
Wan Chi Hang	PR Officer	Year 4

* = new member

ROV Spec

Name: Frontier

Total Cost of ROV: \$ 2490.2 USD

Dimensions (LxWxH): 53.8 cm x 37.9 cm x 27.6 cm

Weight: 12 kg

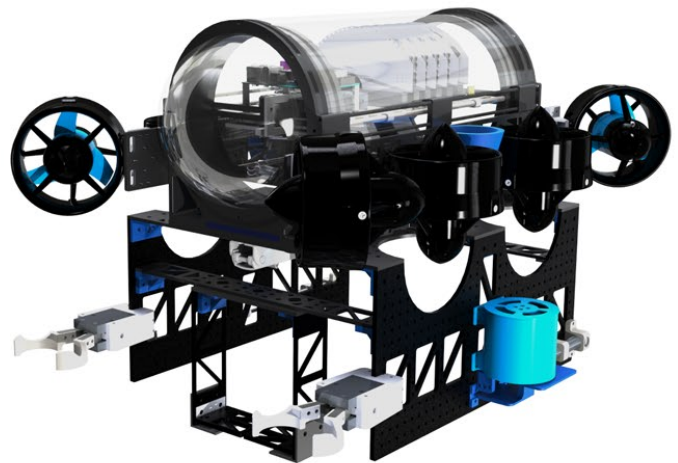
Total Design and Building Time: 3000 hours

Safety Feature

- Onboard Power Sensing System
- Overcurrent Protection
- Fail-Safe System for easy retreat of ROV
- Onboard LED Display on ROV status
- Kill box for emergency shut down
- No sharp edges exposed
- Eye-catching labels on moving or hazardous object

ROV Special Feature

- Modular Mechanical Structure
- Modular Electronic System
- Redundant Communication System
- Depth hold 6DoF
- Neutral buoyant optical tether



HONG KONG



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