



HONG KONG

CMA SECONDARY SCHOOL

CMA UNDERWATER EXPERT LTD.

8-Year MATE International ROV Competition Participant

6-Year Ranger Class Competitor



Specification Worksheet

ROV SPECS

Company Members



Hours spent on designing & building



Distance From Hong Kong to Kingsport, Tennessee, US



ROV Name

Theta

Primary Construction Material(s)

High Density Polyethylene (HDPE)

Total Weight

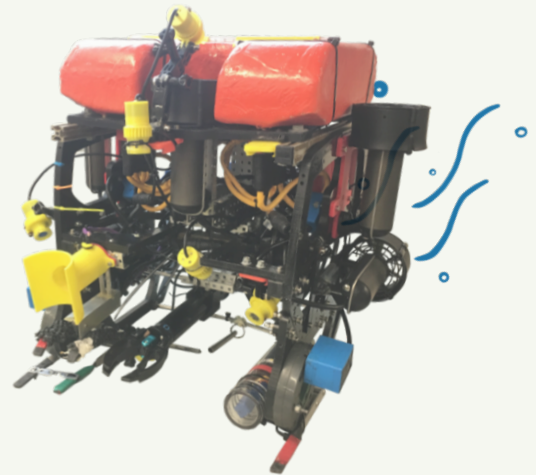
11.4kg

Dimensions

420mm (L) x 520mm (W) x 430mm (H)

Total Cost

USD 7,015



Overview of Theta

Safety Features

- No sharp edges
- Hazard warning stickers labeled on all moving parts
- A 25 Amp in-line fuse placed in electrical system
- Voltmeter, ammeter and emergency stop button installed in Electrical Distribution Control Panel
- Tether is covered for protection
- A 7.5 Amp fuse for Micro-ROV
- All propellers meted IP-20 standards

Special Features

- Quickly detachable mechanism
- Interchangeable subframe for task completion
- Visual measurement of shape recognition software

Our Crew

NAME	TITLE	GRADE	HISTORY
Anderson TSANG	CEO	Grade 11	Returning
Terry AU	Secretary	Grade 8	Returning
Beth AU	Marketing Executive	Grade 12	Returning
Gordon LO	Head Mechanical Engineer	Grade 9	Returning
Tommy YEUNG	Mechanical Engineer	Grade 10	New
Jacky MA	Mechanical Engineer	Grade 9	New
Samuel HUI	Mechanical Engineer	Grade 9	New
Jerry LUM	Electrical Engineer	Grade 12	Returning



CMA Underwater Expert Ltd. Team photo