MEDUSA
309 x 333 x 295 mm | 10.3 kg | $4730.84 | 308 hours

Pilot Inversion
Written software that improves pilot ability by easily changing thruster values to allow for smooth piloting from different viewpoints.

Rotating Parallel Gripper
A pneumatically-powered parallel gripper with custom adjustable mounting and interchangeable arms used to meet all pilot needs and complete a variety of tasks.

Custom PCB
A custom-made power control board (PCB) manufactured to accommodate for all of Medusa's electronic needs.

Digital Camera System
A multi-stream, low-latency, fully digital camera system provides high-quality video feed and multiple viewpoints to yield a highly maneuverable ROV.

Brought to you by Geneseas
St. Francis Catholic High School | Sacramento, CA USA | Distance Traveled: 1554.3 km

SAFETY FEATURES:
Thruster Guards
Protects operating personnel from injury.

Emergency Power Off
Ensures Deck Crew safety with easy and efficient shutdown of the ROV.

Sheathed Tether
Protects ROV power, pneumatics lines, and communications lines from damage.

COMPETITION MEMBERS:
Allie Dinh** '23
Sydney Goodall** '23
Morgan Jones** '23
Norah Zhou** '23
Sofia Stuck** '23
Isa Gutierrez** '24
Lauren Grindstaff** '24
Siena Marois** '24
Audrey Mayo** '24
Azul Kuppermann* '25
Kin Tirumala** '25
* New Members
** Returning MATE Comp Participants
‘High School Graduation Year

CREW:
Emily Asperger** '23 Mae Alvarez* '24; Franziska Kungys* '24; Grace Chavez* '25; Dar Eugenio* '25; Yixin Huang* '25; Izzy Ramos** '25; Alyssa Renomer** '25; Gabby Rosario** '25; Laila Shamshad* '26; Yogja Singla* '26

COACHES:
Marcus Grindstaff, Kitara Crain, Dean Eugenio, Karen Jones, Maurice Velandia