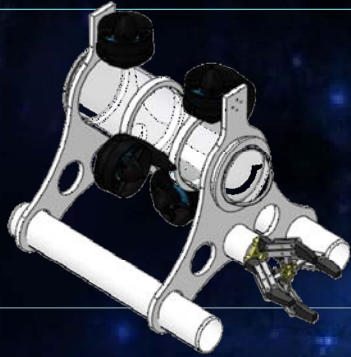


Oceanus Co.

Notions Development Academy,
Alexandria, Egypt.

“Company’s 2nd year in international”

ROV Name: Triton.
Project Cost: \$ 9,738.
ROV Cost: \$ 1,661.
Primarily Materials: Polyethylene and Acrylic.
Weight in air: 4.7kg
Dimensions: 45 cm * 39 cm * 40 cm
Power Requirement: 12 Volts DC, 20 Ampere
Distance Traveled: 6,984 km



Special Features

- Easy and fast maneuvering using 5 thrusters.
- No wires in the electric can for easy tracing and troubleshooting.
- Round electric boards connected in a cylinder shape for maximum mounting surface area with least volume.
- Triton can withstand pressure up to 3 bars.
- Changeable attachments depending on mission.
- Ability to determine the altitude of the ROV, acceleration and tilt angle.
- Top, bottom and front camera.

Safety Features

- No sharp edges.
- Safety signs.
- 25 Ampere fuse.
- Current Sensor for each motor.
- Protected thrusters.
- Tether well attached to ROV.
- Water detection sensor in electrical can.



MEMBERS (from right to left)

Shehab Ramy: CEO, Chief Electrical Engineer, Grade 10, 2nd year.

Ahmed Nabil: Electrical Engineer, Grade 11, 1st year.

Nada Abdelmoniem: Mechanical Engineer, Grade 12, 1st year.

Noran Mohamed: System Engineer, Grade 12, 2nd year.

Hossam Amr: Chief Mechanical Engineer, Grade 12, 2nd year.

Mahmoud Alaa: CFO, Mechanical Engineer and Safety Officer, Grade 10, 3rd year.

Ahmed Thabet: Electrical Engineer, Grade 11, 1st year.

MENTOR

Wael Eweda