

NO BATTERIES ARE CONTAINED IN THIS CASE

Hello TSA Officer! This is a Remotely Operated Vehicle (ROV) built to participate in the 20th MATE ROV Competition in Longmont, Colorado. The MATE ROV Competition is an underwater robotics competition designed to test a team's ability to design and manufacture a highly capable underwater vehicle. This case also contains a "Float" for the MATE ROV Competition. The Float is a separate device teams must create and also compete with. The ROV is exclusively externally powered and does not contain any batteries. The Float is internally powered but has had its batteries removed. The ROV consists of a green acrylic frame, (6) Blue Robotics underwater motors, several external cameras, an ethernet switch, and a clear acrylic tube containing the following:

Main Tube:

- Raspberry Pi 4
- (6) Blue Robotics Electronic Speed Controller (ESC)
- 12 Channel PWM Controller
- Adafruit 9DoF Inertial Measurement Unit (IMU)
- Blue Robotics Depth Sensor
- 12V to 5V power converter
- 12V to 9V power converter

Cameras:

- Raspberry Pi Zero 2 W
- Ethernet Hat
- Pi Camera Module 3

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Float:

- Raspberry Pi Pico W
- DC Motor
- Motor Driver
- Color Sensor
- AA Battery Holders (empty)

This case also contains:

- iFixit Tool Set
- Power Supply for ROV (externally powered)
- Tools for the ROV

If you have *any* questions please do not hesitate to contact us.

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Hello TSA Officer! This case contains the tools needed for our robotics team based in Medford, Massachusetts to participate in the 20th MATE ROV Competition in Longmont, Colorado. The MATE ROV Competition is an underwater robotics competition designed to test a team's ability to design and manufacture a highly capable underwater vehicle. This case contains no dangerous substances and no batteries. All electronic devices inside are externally powered only.

The following items are contained within:

- Hand pump
- Soldering Iron (externally powered)
- Soldering Iron Holder
- Tip Tinner
- Solder
- Solder Sucker
- Glue Gun (externally powered)
- Helping Hands
- Label Maker (externally powered)
- Screwdrivers
- Pliers
- Flush cutters
- Silicone Lubricant
- Assorted Velcro Straps
- Pool Noodle Chunks
- Assorted Zip Ties
- Car Battery Clamps
- Scissors
- Electrical Tape **NO BATTERIES ARE CONTAINED IN THIS CASE**