Gas Flow Sensor Chassis Assembly for the Super Bigbite Spectrometer

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March 25, 2021
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Step 1 Assemble Panels

- Front Panel
- Bottom Panel
Step 2 Install I²C Multiplexer Board

I²C Multiplexer Board
Step 3 Attach Cable Tray

I²C Multiplexer Board

Cable tray
Step 4 Install 1 of 8 Gas Flow Sensor Boards

I²C Multiplexer Board
Cable Tray
Gas Flow Sensor Board
Step 5 Affix Tubing to Gas Flow Sensor

- **I²C Multiplexer Board**
- **Cable Tray**
- **Outlet Gas Tube**
- **Inlet Gas Tube**
Step 6 Connect I²C Communication Cables

- I²C Multiplexer Board
- Cable Tray
- I²C Communication Cable
- Outlet Gas Tube
- Inlet Gas Tube
Side View of Chassis
Conclusion

• One of six chassis fabricated for Super Bigbite Spectrometer
Thank You