



## Motivation



## **Standard CPET**

- Large, bulky, and nontransportable
- Only available in the clinic
- Most similar portable device is nearly **\$6000**
- Following the pandemic, the respiratory care device market is estimated to be worth **\$31.8 billion** by 2038

Our goal is to create a **portable**, **affordable** device to measure cardiopulmonary health factors as **accurately** as possible

# Methods





