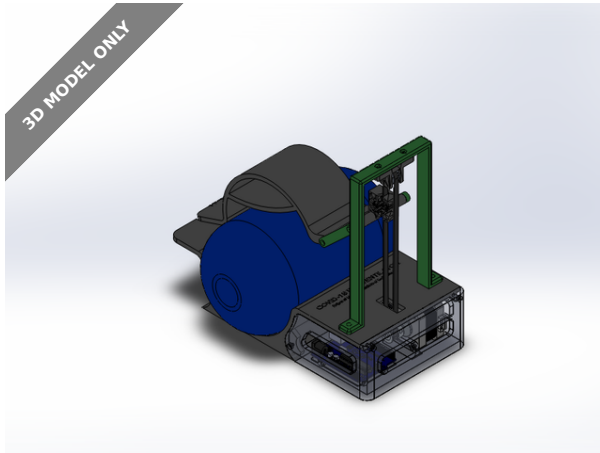


3D MODEL ONLY



COVID-19 VENTILATOR MECHANISM

**Mindscape**[VIEW IN BROWSER](#)

updated 10. 4. 2020 | published 10. 4. 2020

Summary

In times of the coronavirus outbreak worldwide, there is a foreseen shortage of manual ventilating device that will...

[Healthcare](#) > [Home Medical Tools](#)Tags: [ventilator](#) [covid19](#) [resuscitator](#) [ambu](#) [bvm](#)

In times of the coronavirus outbreak worldwide, there is a foreseen shortage of manual ventilating device that will aid in pumping air and oxygen into a patient and may significantly extend his/her precious life. This is a noble initiative of one of our professors and I proposed a design that employs an Arduino Uno, NEMA stepper motor, GT2 timing belt and pulleys, and a mini bread board.

You can message me in my facebook account if you are interested and want to have the Solidworks 3D Models. Please help me also because I lack in funds. Thank you <3

My facebook account: <https://www.facebook.com/christianjay.uayan.1>

Print instructions

It is suggested that the layer height is at 0.2 mm.

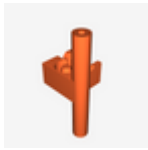
Model files



resuscitator-base-1.stl



resuscitator-top-1.stl



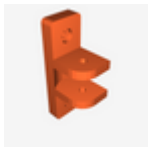
resuscitator-y-belt-holder-1.stl



resuscitator-links-2.stl



resuscitator-belt-tower-1.stl



resuscitator-y-idler-1.stl



resuscitator-electronics-mount-2-1.stl

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