

# Portaven

## Portable Respirator Ventilator

Portaven is the compact and simpler version of general ventilators, a collaborative development by inter-discipline parties between industrial designers, bio-medical expertise, and public hospital in Surabaya City, Indonesia.

This device is designed easy-to-deploy within critical medical situations like evacuation when the patients are in respiratory disorders, a severe symptom found in Covid-19 cases.

The design itself is in prototyping phase, spend around \$900 each and possible to be produced in small-medium scale industry.



# Design



## Technical Specification

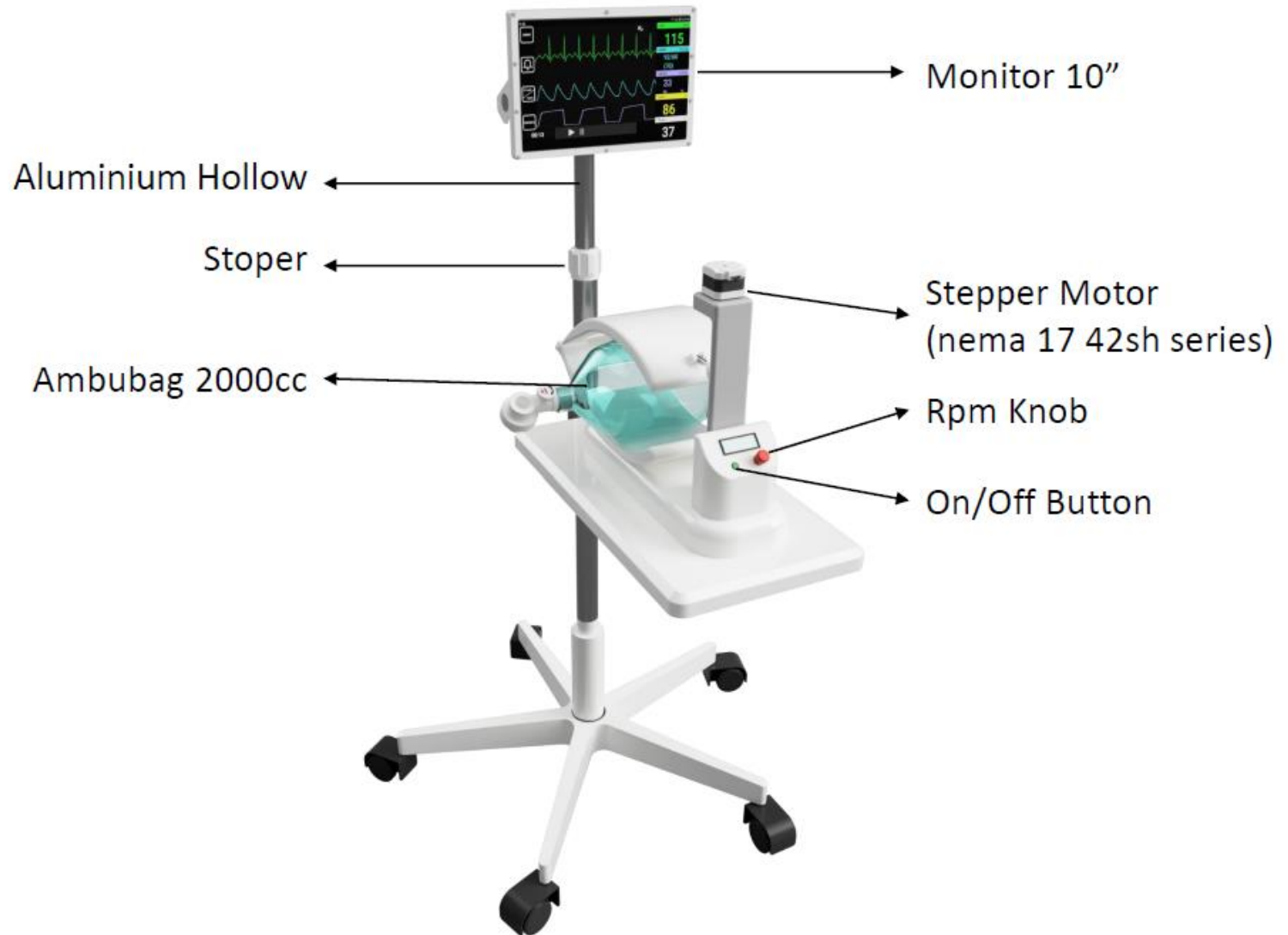
Dimension	670 x 955 x 1500 mm
Komponen	Silicon Ambubag Set 2000 cc
	Stepper Motor DC (Nema 17 42sh series)
	Mechanical Control Panel
	Ambubag Cover HDPE
	Digital Monitor 10"
	Stainless Steel Pole & 5 Stars Castors Base

## Medical Specification

Rate	.
Pitch	.
Pressure	.
Volume	1500 - 2500 cc Ambubag
Accessories	Oxygen Tank..., Air Filter, Valve, Mask & Air Reservoir, Autoclaved, Diverter, Disposable
	Oxygen Tube



# Specification



# Dimension

