

Parts to Buy

Part Name	Manufacturer	Part Number	Price	Quantity Needed	Total
Proximal Flow Sensor	Sensirion	SFM3300-AW	\$ 300.00	1	\$ 300.00
Arduino Board	Arduino	UNO	\$ 40.00	1	\$ 40.00
Bluetooth Module	DSD Tech	HM-10	\$ 12.00	1	\$ 12.00
Humidity/Temperature Sensor	AZDelivery	DHT22	\$ 6.00	1	\$ 6.00
Immersion Heater	Grainger	WWG2E756	\$ 8.00	1	\$ 8.00
Mask	RedMED	Dependant on Individual	~ \$. 140	1	\$ 140.00
Atomizer	Gikfun	EK1868	\$ 9.00	1	\$ 9.00
PEEP Valve	AMBU	D4-177	\$ 10.00	1	\$ 10.00
Air Compressor	Precision Medical Inc.	PM 15	\$ 550.00	1	\$ 550.00
Oxygen Regulator	O-Two	01RO01003-B	\$ 10.00	1	\$ 110.00
Oxygen/Air Blender	Maxtec	R223P08	\$ 300.00	1	\$ 300.00
Tube	RedMed	14999	\$ 20.00	1	\$ 20.00
HEPA Filter Paper	Generic	AG36855-6-CDCPF	\$ 12.00	1	\$ 12.00
Pressure Reducing Valve	Pneumatic Plus	PPR2-N02BG	\$ 30.00	1	\$ 30.00
Pressure OEM-EP	Parker		\$ 150.00	1	\$ 150.00
Y-Piece and Non-return Valve	RICO SUCTION LABS	2048P	\$ 15.00	1	\$ 15.00

Parts to 3D-print

Part Name	Manufacturer	Part Number	Avg Filament Price (per kg)	Approximate Weight (kg)	Quantity	Total
Humidifier Chamber	User	N/A	\$ 25.00	0.1	1	\$ 2.50
HEPA Filter Chamber	User	N/A	\$ 25.00	0.2	2	\$ 5.00

Total budget

\$ 1,712.00