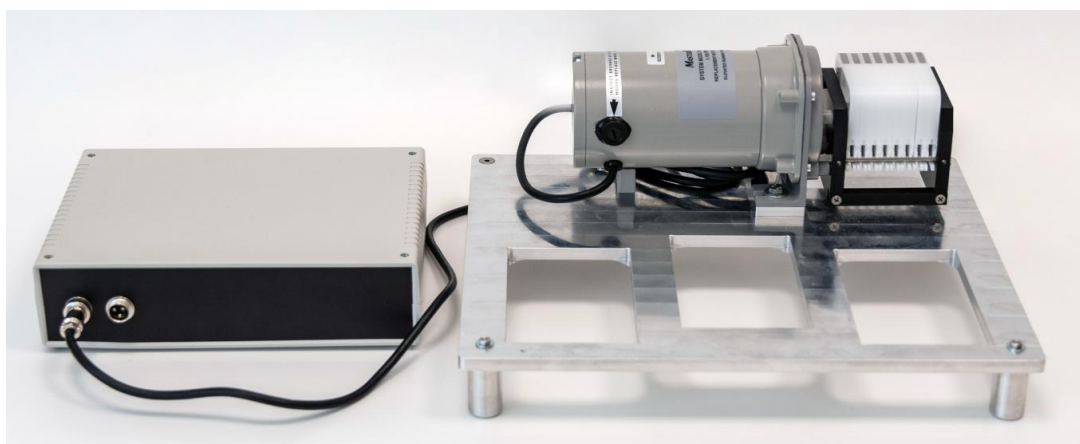


New Harvest in-incubator perfusion system

Mechanics assembly instructions

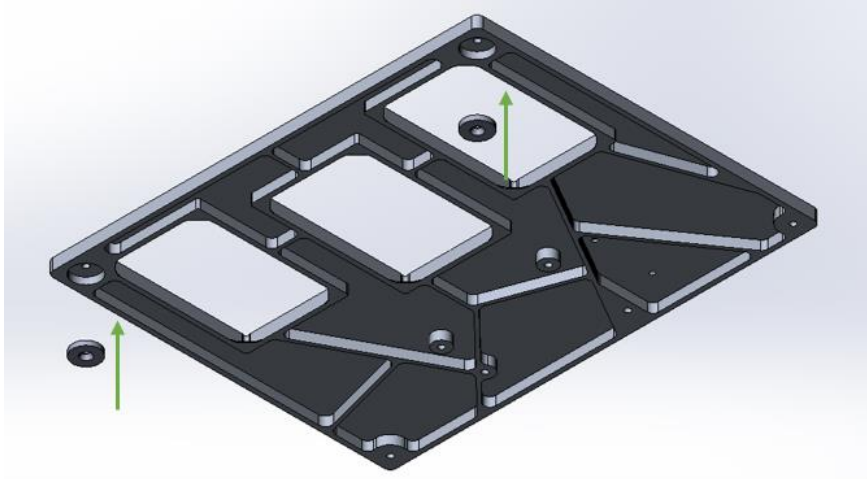
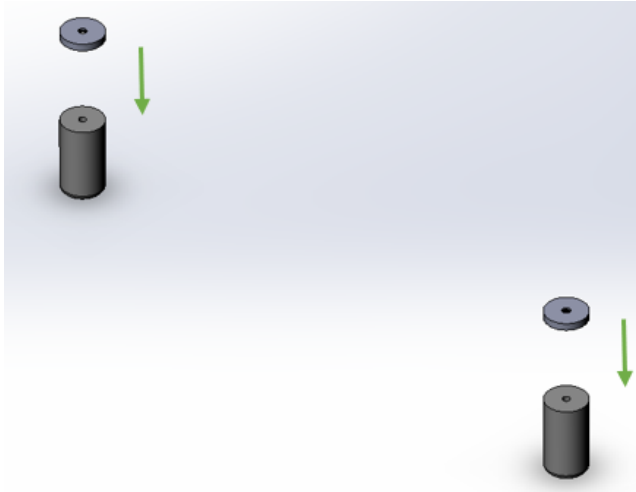


Bill of materials

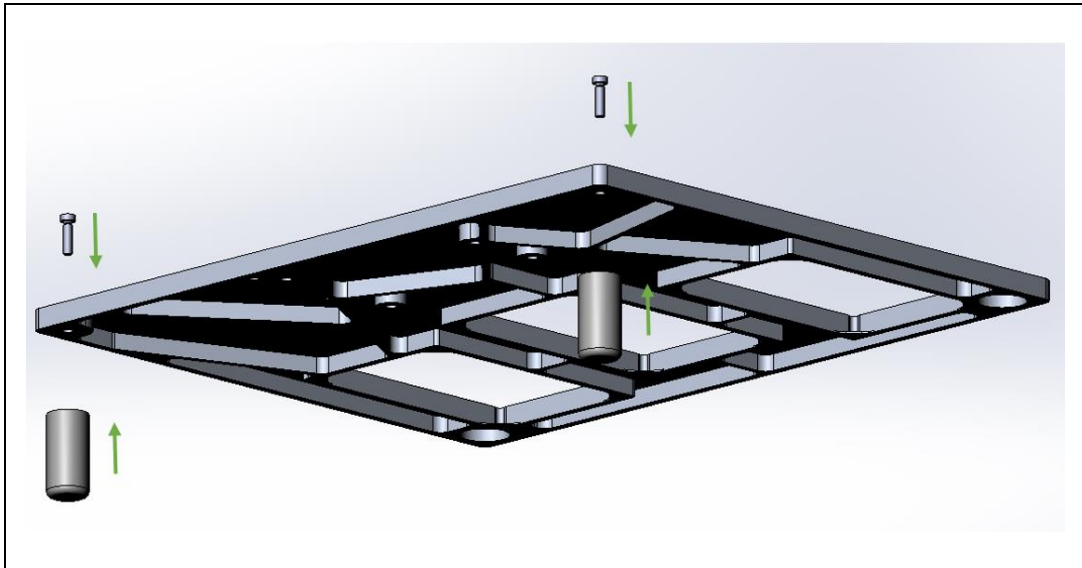
Material	Quantity	Description
Aluminium		
1 - NH2022V1 -T	2	Leg
2 - NH2022V1 -T	2	Leg 2
3 - NH2022V1 -T	1	Adapter
4 - NH2022V1 -T	1	Nema 34 mount 1
5 - NH2022V1 -T	1	Nema 34 mount 2
6 - NH2022V1 -T	1	Nema 34 mount 3
7 - NH2022V1 -T	1	Motor clutch
8 - NH2022V1 -T	1	Tray
Plastic		
9 - NH2022V1 -T	2	Manifold V1
Mechanics		
10 - NH2022V1 -T	1	Nema 34 stepper motor
11 - NH2022V1 -T	1	Peristaltic pump
Screws		
12 - NH2022V1 -T	10	screw TORX ISO7380 BN6404 M4x16
13 - NH2022V1 -T	4	screw DIN 912 M6x20
14 - NH2022V1 -T	2	screw DIN 7984 M6x10
Other		
15 - NH2022V1 -T	2	Magnet



Assembly instructions

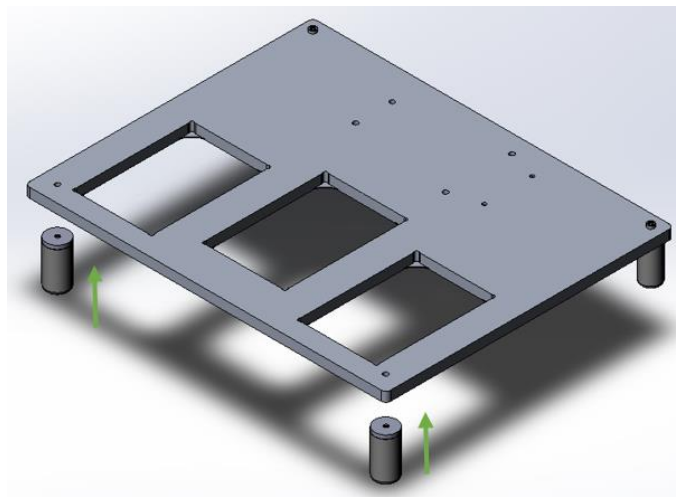
Step 1	Screw two magnets into magnet seats on the bottom of the tray. Use 2 screws - TORX ISO7380 BN6404 M4x16.
	
Step 2	Glue magnet using superglue onto part Leg 2.
	
Step 3	Screw two Legs into seats on the bottom of the tray. Use 2 screws - TORX ISO7380 BN6404 M4x16.





Step 4

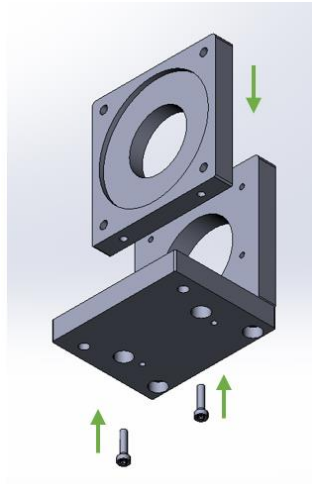
Snap two Legs 2 with magnet onto seats on the bottom of the tray.



Step 5

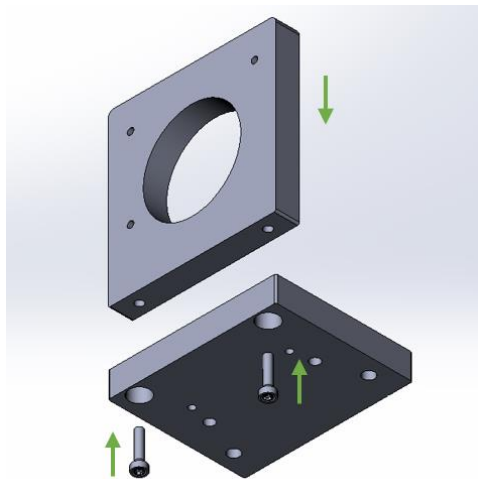
Screw mount 3 to mount 1 using two TORX ISO7380 BN6404 M4x16.





Step 6

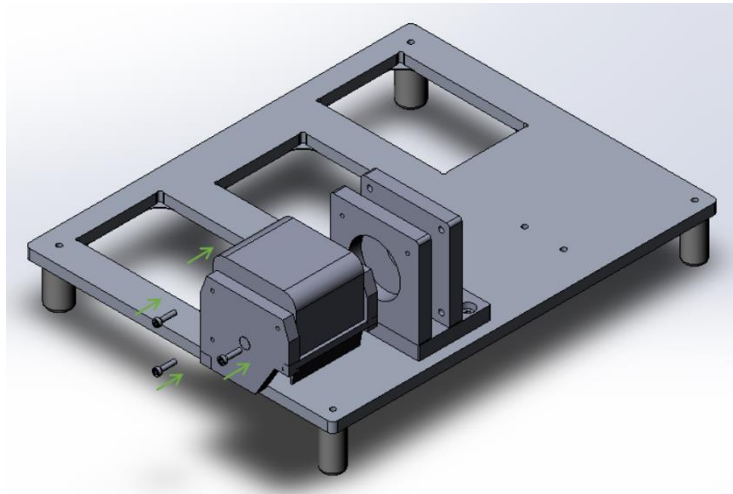
Screw mount 2 to mount 1 using two TORX ISO7380 BN6404 M4x16.



Step 7

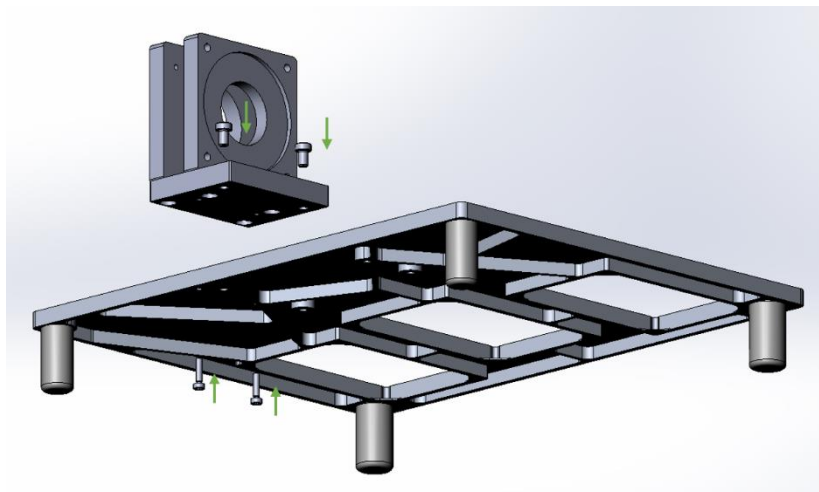
Screw mount assembly onto tray using two TORX ISO7380 BN6404 M4x16 and two DIN 7984 M6x10 screws.





Step 8

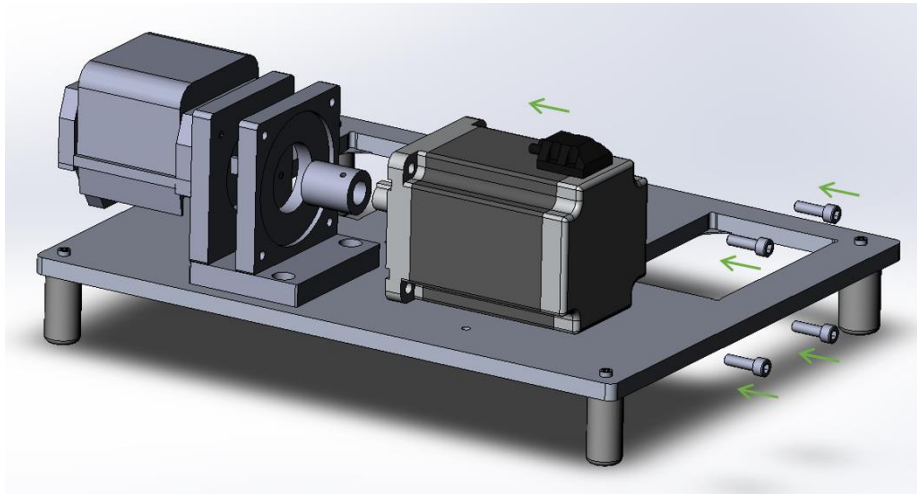
Screw peristaltic pump onto mount assembly using 3 TORX ISO7380 BN6404 M4x16 screws.



Step 9

Screw Coupler onto NEMA 34 stepper motor using m4 set screw.





Step 10

Screw NEMA 34 stepper motor onto mount assembly using 4 DIN 912 M6x20 screws.

