

Adjustable Plate Cell

- [Christophe's Adjustable Flat Plate Cells](#)

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Version 1

Source: <https://www.thingiverse.com/scarou/designs>

Improvement of the initial variable plate cell. Now using a GT2 belt to move the plates instead of the previous complex nylon thread system.

Beware! You may learn something...

You will need:

- “ closed loop rubber GT2 timing belt 180-2GT-6.
- Stainless steel 4x M3x15 mm screws
- Stainless steel 8x M3x10 mm screws
- M5 threaded rod for the drive shaft
- 2 x Stainless steel plate for electrodes (the size you want. Could be in 304 material but not necessary)
- Something to connect the plates. (I usually use stainless steel metal cable ties)

Video:

<https://www.youtube.com/embed/JcV2RfEz2I0>

Files

“ [GT2_pulley.stl](#)

Use a 3.1 or 3.2mm drill bit to have an effective guide with the 3mm smooth rods (Too much play and it will not work properly)

Files

“ [Plate_cell - Base 2.stl](#)

[Plate_cell - Base 1.stl](#)

[Plate_cell - Base 3.stl](#)

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