

How to Build Medical Technology for Under \$2 FoldScopes & Paperfuge

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How we got started with making medical equipment



How do you get one?

Buy

<https://www.foldscope.com/order/>

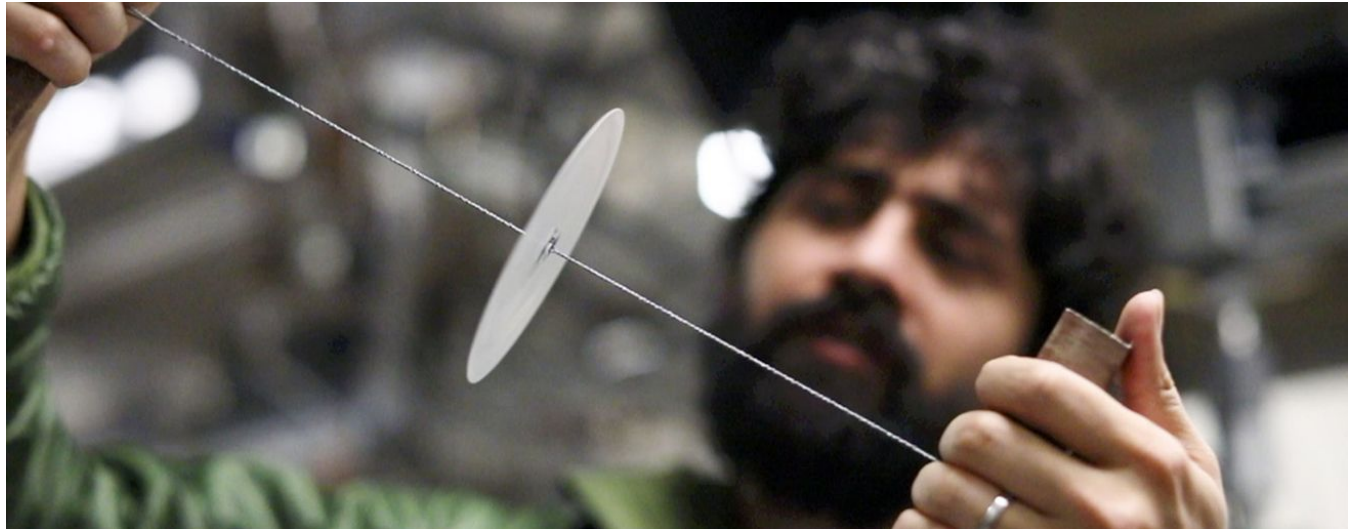
Or Make

DIY FoldScope

<https://microcosmos.foldscope.com/?p=656>

Paperfuge

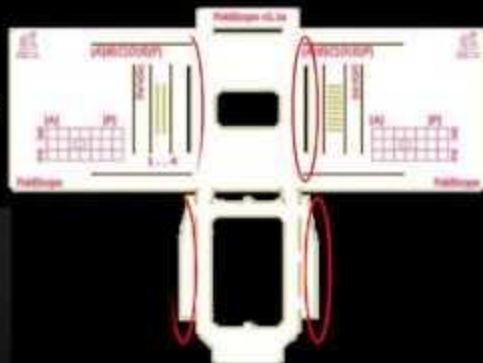
<https://www.wired.com/2017/01/paperfuge-20-cent-device-transform-health-care/>



What do you need to make your own

- Plans
 - <http://oliverboswell.blogspot.com/2015/03/foldscope.html>
- A Lens
 - <https://www.mcmaster.com/catalog/124/3757>
- Tague board
- X-Acto knife/scissors or Laser engraver
- Tape
- Instructions (See next slide)
- Patience

Fold the bottom up and
tuck the side flap into the
first slit.



Do this on both sides.

Students have microscopes, now what?

Have students find things to look at:

- In your room
- Outside
- In their pockets
- Any place else

Questions?

