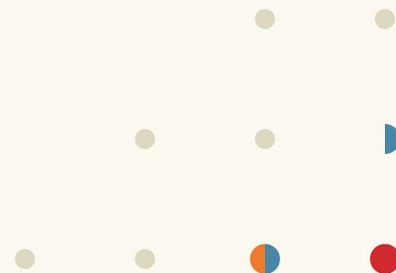


Fully-Automated Cell Culture

Incubation and passaging of mammalian cells

High-throughput cell-based drug screening

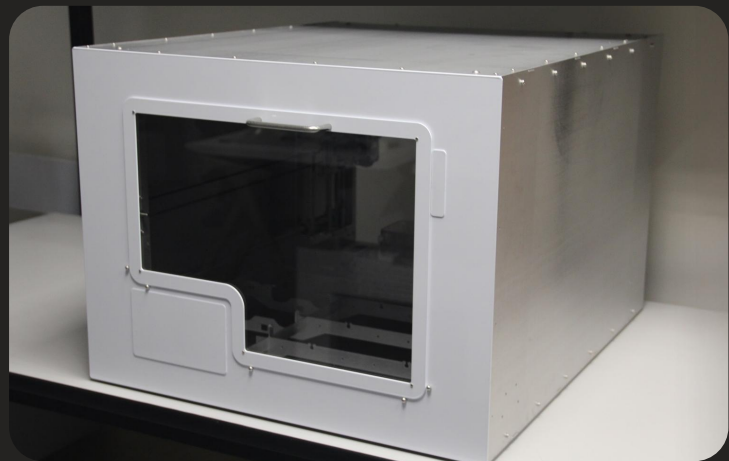


Our Hardware

We build lab-in-a-box machines. The machines contain robotic plate handlers and plate imagers.

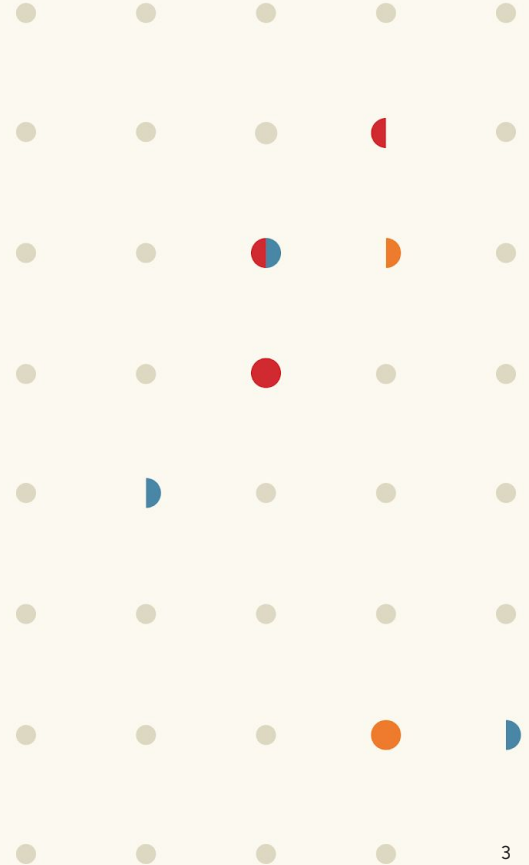
Multiple boxes can operate together, with automated transfer of plates between boxes.

•• sync bio



Automation Advantages

- Fast turn-around
- Increased reproducibility
- Reduced contamination
- Detailed logging (with real-time data available 24/7 via web interface and API)



\$70k

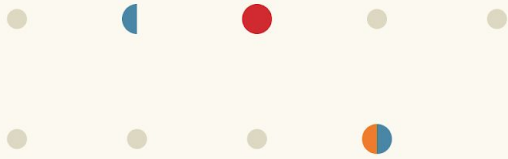
Standard Box

- Robotic handling of 50+ plates
- Temperature, CO₂, and O₂ control
- Automated imaging
- AI/ML image processing

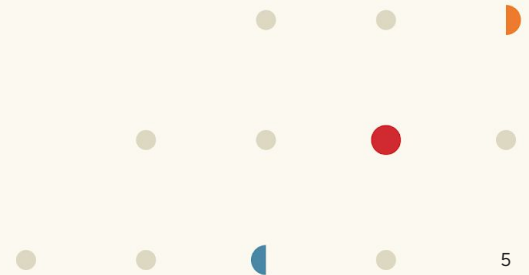
\$90k

Passaging Box

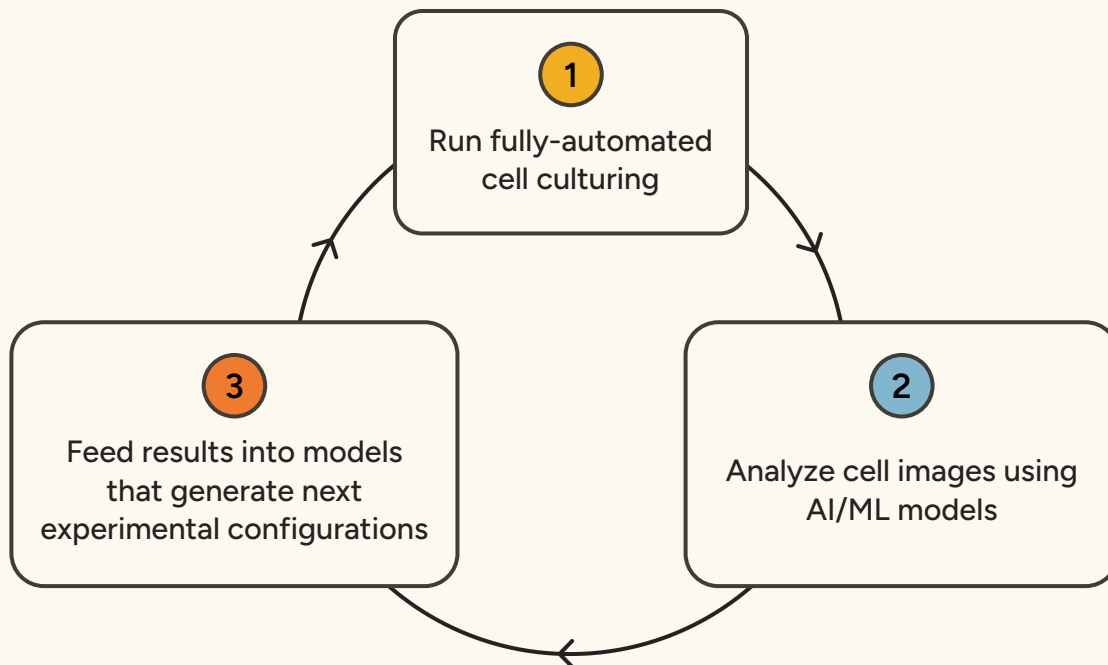
- Multiple media/reagent channels with heating/cooling
- 8-channel syringe-based liquid handling
- Plate tilting for adherent cell passaging
- Micro filters for suspension and semi-adherent passaging



We provide on-site installation, integration, and customization. We also lease hardware and can host it for you in our own lab space.



We support AI-based drug discovery





Reach out to learn more

hello@sync.bio