



Specifications

- **Power supply** +5 V
- **Software** Arbin MITS Pro 8.0
- **Cycling temperature** 21 °C
- **Maximum relative humidity** 80% for temperature up to 31 °C decreasing linearly to 50% at 40 °C.
- **Channels** 64

Description

- A battery cycler for coin cells
- **Use cases**
 - Cycling of coin cells for various studies including such involving the POLiS-MAP

Further information

- Automated operation possible

Publications

- [1] Zhang, B. *et al.* Robotic cell assembly to accelerate battery research. *Digital Discovery* **1**, 755–762 (2022).
- [2] Zhang, B. *et al.* Apples to apples: shift from mass ratio to additive molecules per electrode area to optimize Li-ion batteries. *Digital Discovery* **3**, 1342–1349 (2024).
- [3] Vogler, M., Steensen, S. K. *et al.* Autonomous Battery Optimization by Deploying Distributed Experiments and Simulations. *Adv. Energy Mater.* **14**, 2403263 (2024).