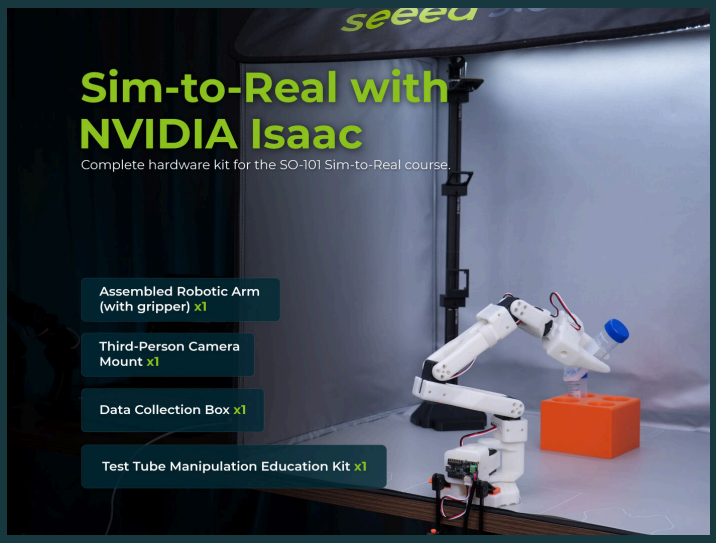
seeed studio

INDUSTRIAL PRODUCT DATASHEET

# SO-101 Sim-to-Real Learning Kit

Build your own Physical AI learning workstation with the SO-101 Sim-to-Real Robotics Learning Kit.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| E26102701 | 2026-11-16 07:08:50 | $0.00(Excl. VAT) |



# Overview




Build your own Physical AI learning workstation with the SO-101 Sim-to-Real Robotics Learning Kit. Designed around NVIDIA's SO-101 Sim-to-Real course, this hardware bundle brings together the SO-101 robotic arm, dual USB cameras, a third-person camera mount, test tubes, a yellow tube rack, and a controlled imaging enclosure. With the essential workspace hardware in one kit, you can focus on robot teleoperation, data collection, NVIDIA Isaac simulation, GR00T VLA model training, and real-world policy evaluation.

# Key Features

01 From Simulation to Real-World Robotics

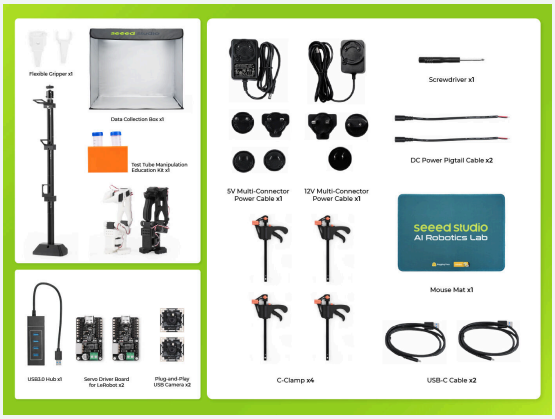
02 Everything You Need for Your Physical AI Workspace

03 Designed for Repeatable Data Collection

04 Capture Every Demonstration from Two Perspectives

05 Build with LeRobot, Explore GR00T

# Product Gallery










# Applications

- **Learn Sim-to-Real with NVIDIA Isaac:** Follow NVIDIA's hands-on course to explore robot calibration, simulation, policy training, and deployment on a physical SO-101 robot. Learn how to transfer AI-powered manipulation behaviors from simulation to reality.
- **Train Robot Policies with NVIDIA GR00T:** Explore vision-language-action models through a practical test tube manipulation task. Collect robot demonstrations, train policies using NVIDIA Isaac GR00T, and evaluate their performance in simulation and on real hardware.
- **How to Train with GROOT: Tutorial of training soarm with GROOT**
- **Build a Repeatable Robot Learning Workspace:** Use dual-camera observations, a consistent test tube manipulation setup, and a controlled environment to support repeatable data collection, imitation learning, and robotics research—enabling real-to-sim-to-real workflows.

# Resource Links

- https://www.seeedstudio.com/SO-101-Sim-to-Real-Learning-Kit.html
- NVIDIA SO-101 Sim-to-Real Course

**Seeed Technology Co.,Ltd.**
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

**Tel:** +86 0755-80695676
**Web:** www.seeed.cc
**Shop:** www.seeedstudio.com