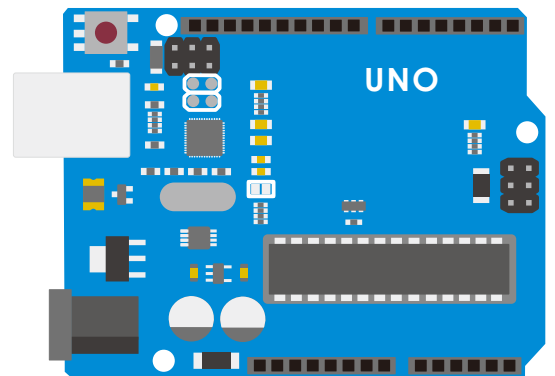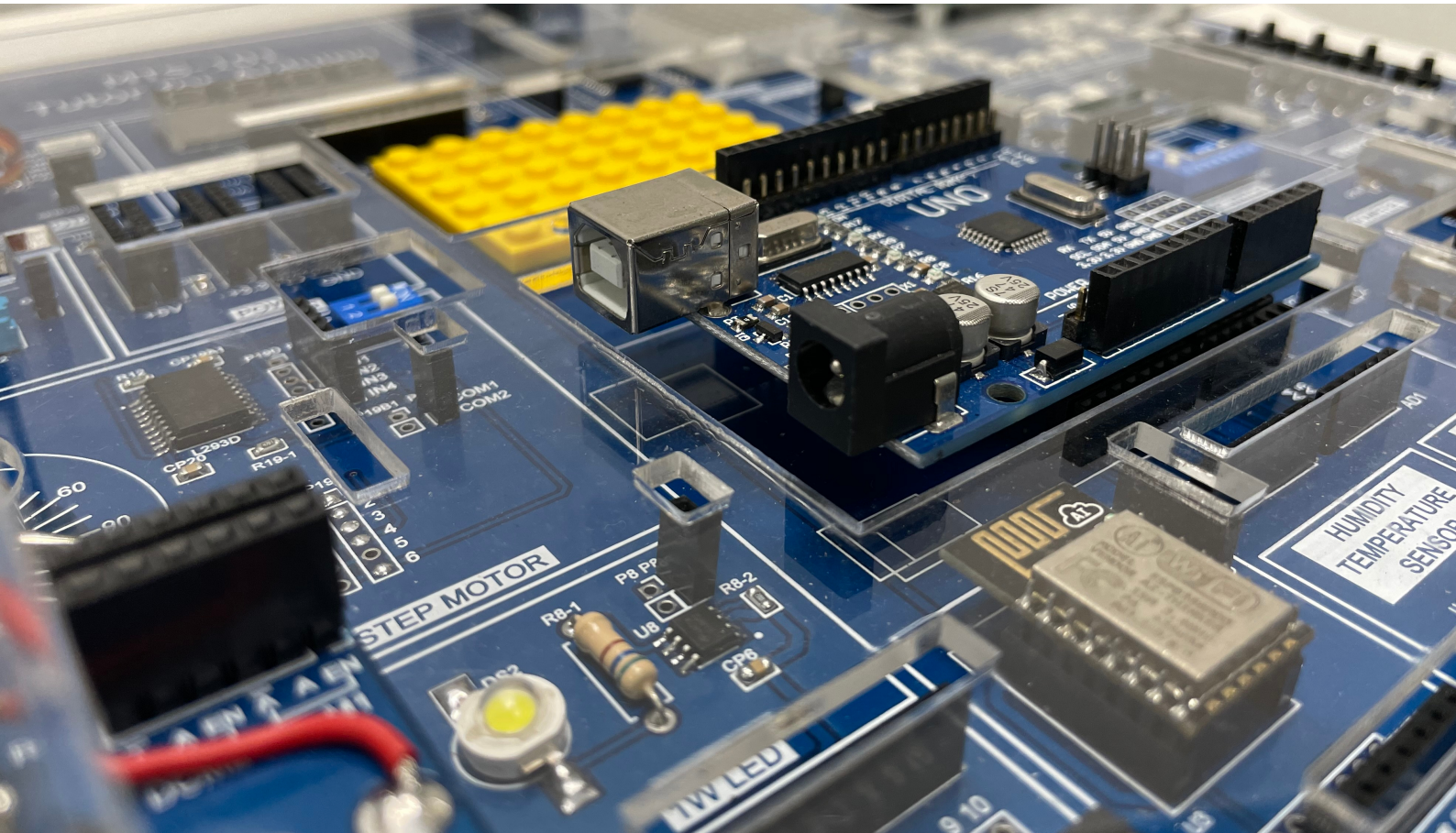# Tutor For Arduino MTS-101

Arduino is an open-source physical computing platform based on a simple I/O board and a development environment that implements the Processing / Wiring language. Besides easy-to-use hardware and software interface, Arduino is designed to be as flexible as possible to fit your project's needs.

MTS-101 Tutor for Arduino provides an environment for Arduino to interact with different forms of electronics (26 module blocks) with simple codes and connections. With a universal breadboard, it's convenient for students to construct the circuits that are not provided by the MTS-101.
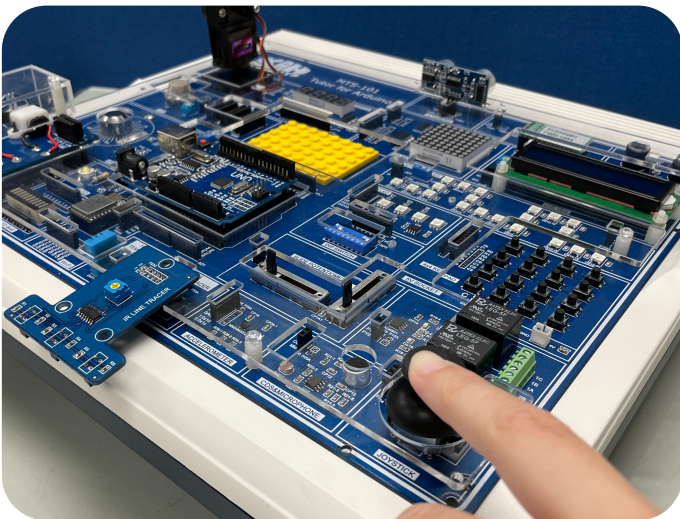

UNO

ARDUINO

CE

● Base on Arduino
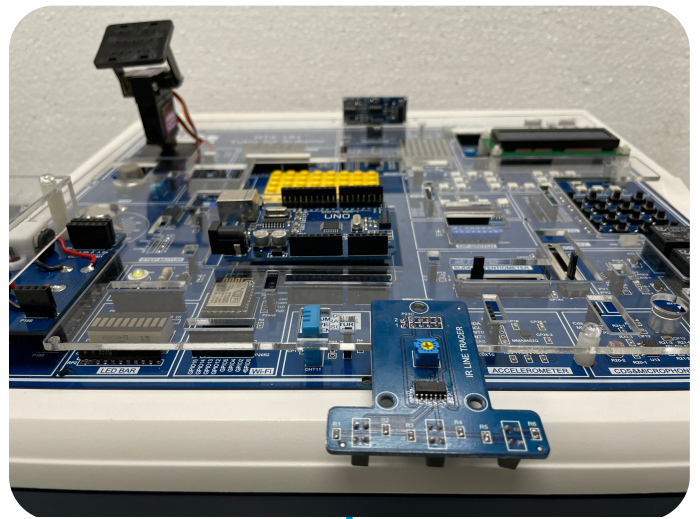## Including various I/O peripherals for learning Arduino projects

● Independent I/O Modules
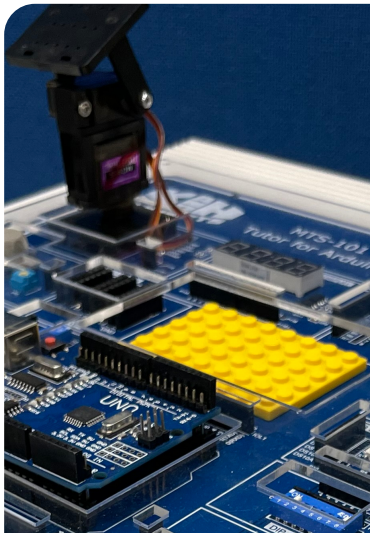## Users can adopt Dupont wires for their own applications

Easy to use

All-In-One Trainer

● Step-by-step procedure in experiment manual

1. Buzzer and Keypad Control
2. LED Matrix Control
3. 7-Segment Display Control
4. Relay Control
5. Voice and Light Control
6. Analog Input and Output
7. Serial Monitor
8. Conventional RGB LED Control
9. Serial RGB LED Control
10. LCD Display Control
11. Humidity/Temperature Measurement
12. Ultrasonic Range Finder
13. Infrared Line Tracer
14. Servo Motor Control
15. 3-Axis MEMS Accelerometer Control
16. DC Motor Control
17. Step Motor Control
18. Bluetooth Wireless Communications
19. Wi-Fi Wireless Networking
20. Color Sensor
21. CAN-BUS Module

● High degree of flexibility and expandability

The system can be integrated with faya electronic block modules and modular electronic building blocks.

● With dual power design

I/O devices can be powered by MTS-101 or an external source

● With acrylic protection panel