GATEIN TECHNOLOGY
جيت ان تكنولوجي

PRODUCT PRESENTATION · AUTOMATION TRAINING

Magician E6 Training Platform

All-in-One Hands-On Automation for High School Students

A low-cost platform combining mechanics, electronics, pneumatics and programming: from robot motion control to PLC programming.

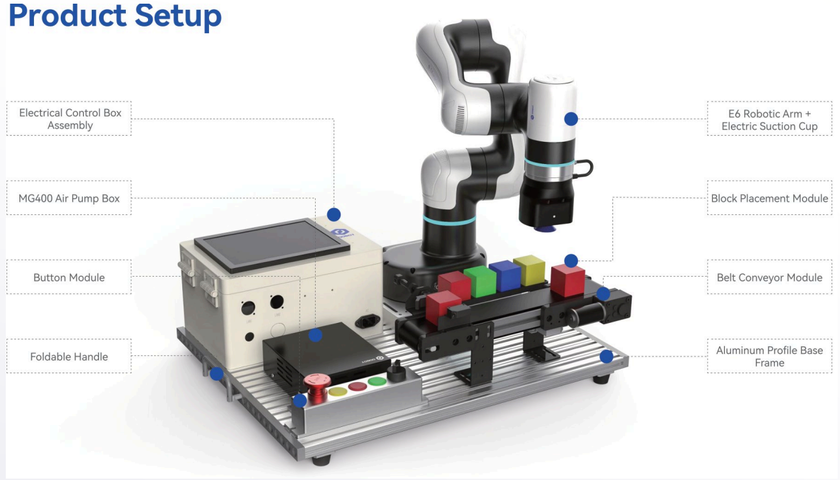
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Key features

Product Setup



Modular design

Independent components for easy teaching, assembly and maintenance; conveyor and PLC (with HMI) work alone or with the Magician E6.

Multi-field integration

Arm operation, motor control, sensors, pneumatics and PLC programming with HMI.

Intuitive and easy to use

HMI touch screen makes automation control processes clear.

Safe and reliable

Emergency stop module protects human-machine safety.

Cost-effective

High value at an affordable price for schools and training institutions.

Teaching content

Robot motion control

Structure, kinematics and control of a 6-axis arm.

Motor & conveyor belt control

Industry 4.0 material transport, motor control and transmission design.

Sensor & signal processing

Block-sensing sensors for positioning and detection.

Pneumatic component practice

Pump box and cylinder push-rod module.

PLC programming & HMI

Basic PLC control logic and HMI interface operations.

Safety operation knowledge

Emergency stop and start/stop buttons.

Application scenarios: high schools and vocational technical schools · science popularization and experience centres.

E6 Training Platform Specifications & configuration



Item	Specification
Dimensions · power	500 × 600 mm · 220 V AC
HMI touch screen	7-inch, 800 × 480
PLC	24 V DC · 14-bit input · 12-bit output · PNP · transistor output
Photoelectric sensor	Diffuse-reflective PNP switch · 0–100 mm adjustable range
Push rod module	8 mm cylinder · 30 mm stroke
Training platform components	Base plate, conveyor belt, PLC module with HMI, building block positioning plate, e-stop module with start/stop, air pump box
Included	4-colour square blocks × 4 · tool kit (screwdrivers, screws)

GateIn One accountable partner

We don’t just ship the Magician E6 Training Platform. GateIn designs, supplies, installs, integrates and supports DOBOT solutions for universities, schools, government and industry, from the first plan to long-term support.

+120
ROBOTS SUPPLIED IN EGYPT
Industrial, service and educational

91
LABORATORIES
Across 45 institutions

+30
STRATEGIC & GLOBAL PARTNERS

5
YEARS OF DELIVERY
Since 2021

Design | Sourcing | Installation | Integration | Training | Long-term Support

An integrator, not a vendor.

Exclusive DOBOT partner for Egypt

GATEIN TECHNOLOGY
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Let’s plan your Magician E6 Training Platform deployment

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