

Summary of product specifications

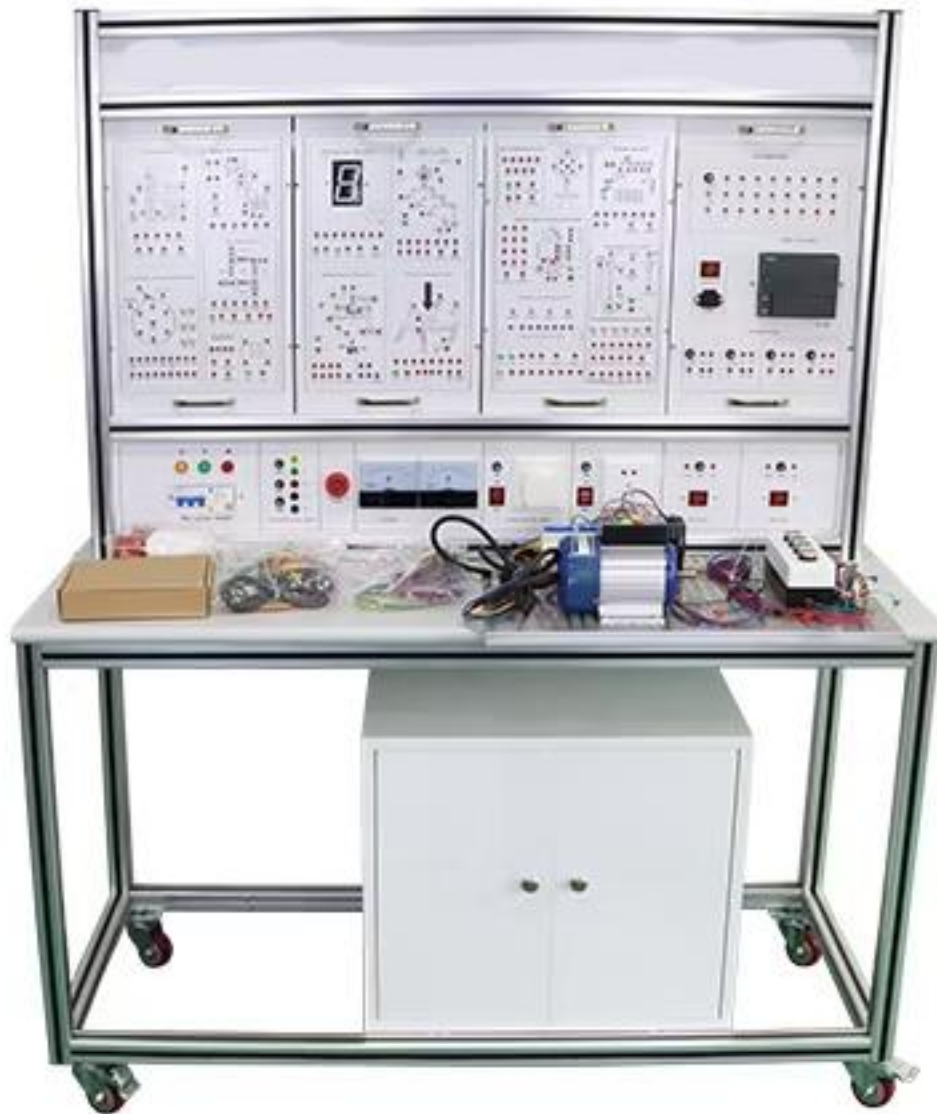
The final appearance and layout will be determined after the offer is confirmed. And it may differ in dimensions and images from the images in this catalog.

Sahi Rasa

**pioneer in equipping
educational laboratories and
universities**

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PLC Training Set

All kind of PLC, Relay, Driver, I/O Card, Digital/Analog I/O, HMI, Inverter 1/3 Phase, Power supply card, Transformatior (Japanese Brand)



Controller Training Set

PID Controller, DC motor, AC motor, Mass-Spring Mechanism, Inverse Pendule Controller



Automation Training Set

Linear RC and RN-LCT Controller, Pneumatic and hydraulic Actuator, Solenoid E-Valve, Contactor, Jack,



Advanced Industrial Controller

Servo motor, Step motor, Motor driver, Encoder, Sensors (Piso, Pressure, Optic, Loadcell Transmitter, Level, CT/PT, Color sensor, Gyroscope, PID driver, Photoelectric sensor)



Industrial 5R Robot Arm (Training Class)

5 Japanese servo Brush Motor with encoder and Clutch / 5 American AMC (Advanced Motion Controller) PWM Servo Driver /German PLC and I/O card/Pneumatic end-effector Gripper /Pneumatic Compensating jack/300-liter air compressor with E-Vacuum motor/HMI and Motion panel control Stand/All PLC source code/ Shaft and position sensor and Rotary encoder/Repeatability 0.1 mm/Load Capacity 12-20 kg
 Revolution 200-degree (180 degree per second) motion speed/Total package Weight is 800 kg
 Included All electrical wiring diagram/All power and control Board Schematic diagram/
 Denavit Hardenberg (Inverse Kinematics and Degree of freedom calculation and mechanical design laws Equation User-Guide Booklet)



Precision cyclo-Gearbox

/ RV reducer Gearbox/Actuator/Position sensor/

Mechanical Part and Component with all kind of ball Bearing and joint Common in the Robot industry

/ prismatic/rotary/hydraulic/Pneumatic/Parallel/SRF Vacuum Gripper



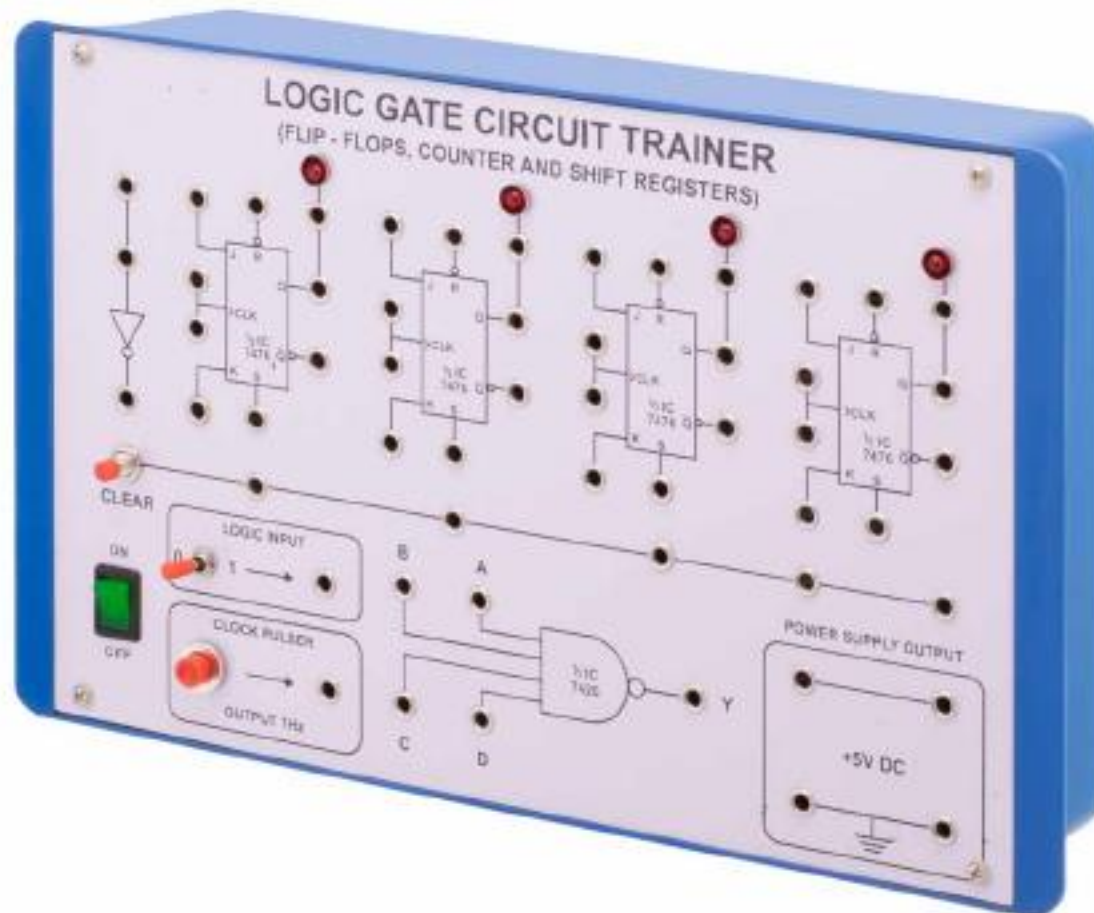
Multi-Rotor and brushless servo motor training set (Quadrature)

Radio-frequency multi-channel controller-ESC-Flight Control



Radio-frequency multi-channel controller-ESC-Flight Control

(line tracking, Lifter, Fighter, Light, gas, material, sound, image-processing, speed, pressure, flow-rate, IOT, Gyroscope, Touch, Laser, Ultrasonic, IR, Loadcell, Encoder, Temp, Zigbee, RF, Transmitter, DAQ card)



Logic Gate training Set

AND/OR/Xor/Nor/Xnor/Etc., circuit training board)



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