MM-3000 Mechatronic Module V Series

Accessories and Text books







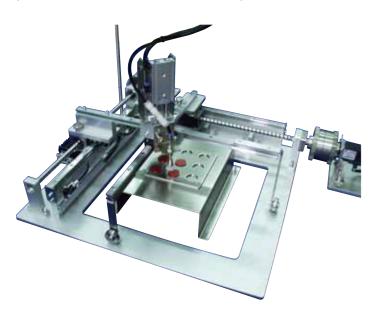
X-Y ROBOT TRAINING MACHINE

In many cases, X-Y robot is more useful than Arm-type robots because easy-to control, Heavier load, lower cost and higher speed.

This X-Y robot training machine has a pneumatic driven Z axis with X-Y axis which Would be driven by any kinds of motors, as an induction motor, servo motor, stepping motor

Training items:

How to using of X-Y robot, Control, Positioning, Drawing pictures by X-Y robot etc. (Attachable motors: VA310, VA320, VA335, VA345 est.)



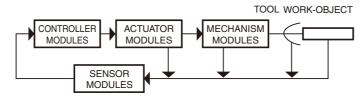
PID feedback control training units



(FUNCTIONS AND FEATURES)

FLEXIBLE COMBINATION OF AUTOMATION ELEMENTS

The automation elements are classified into the following four groups.



The Automation System Composer, MM3000 series is designed to allw selection and combination of wide variety of elements belonging to the abovementioned

FROM "MEANS-ORIENTED TRAINING" TO "PURPOSE-ORIENTED TRAINING"

Currently "means-oriented training" is commonly adopted, but a change to "purpose-oriented training" is essential for effective education in mechatronics. MM3000 training system is the ideal experimental system for "purpose-oriented training" in order to study the construction of a correct automation system, which is based on the optimum selection of elemental devices in each group deduced from the desired operating characteristics.

FROM BASIC TRAINING TO **ADVANCED RESEARCH:**

This system is applicable to every educational level of training ranging from basic training on automation mechanism and control up to research in highly advanced

You may want to change specifications and design without notice.

SERC SHINKO ENGINEERING RESEARCH CORP. Agency

T157-0073 KINUTA 6-6-18 SETAGAYA-KU TOKYO. JAPAN PHONE:+81-3-3417-1801 FACSIMILE:+81-3-3417-1828 URL:http:/www.sa.il24.net/~serc/ Email:serc-ch@interlink.or.ip





MECHATRONICS TRAINING SYSTEM

MM3000V SERIES

AUTOMATION SYSTEM COMPOSER

<Special features>

Modules type training system

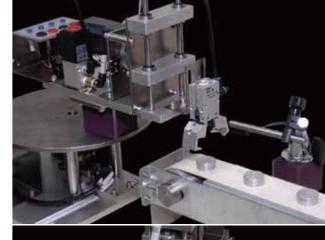
More than 100 kinds of mechanical components and control devices are modularized.

Small and light, and safety type

You can carry these modules by single hand.

Free combination type

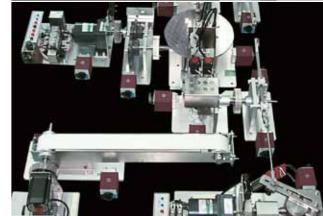
You can combine these modules freely to configure any mechatronics systems.













Mechanism and Output units

MM-VM110 Rack & Pinion





Transportation and







Actuator













Mechatronics Training System MM3000V SERIES



Practice cases

Robot unit, others





Sensor unit







Controller









