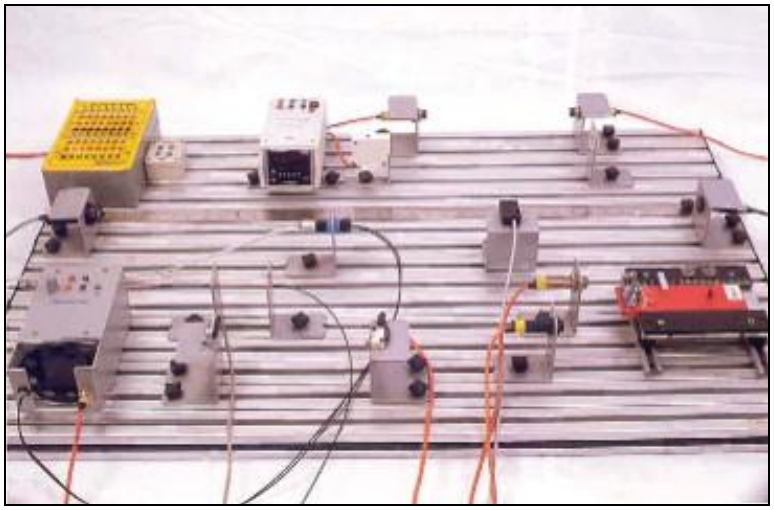
Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

No	Product Description	Product Code
01	Sensor Trainer	EZ-SENSR001
02	CPM1A PLC Trainer (Micro Size)	EZ-CPM1A001
03	CJ PLC Trainer (Small Size)	EZ-CJ1M001P
04	CSI PLC Trainer (Middle Size)	EZ-CS1G002
05	SIEMENS PLC Control Training System	EZ-PLCS7-1200-003
06	FA Training Kit	EZ-FAMY001P
07	Analog Input Servo Trainer	EZ-SERVO002
08	Pulse Trainer Servo Trainer	EZ-PSERV01P
09	Touch Panel Trainer	EZ-NT31001P
10	PLC Analog Trainer	EZ-BSCQM1HSK
11	F160 Monochrome Vision Inspection Trainer	EZ-NEZF160001P
12	F400 Color Vision Inspection Trainer	EZ-F4000001P
13	Protocol Macro & PID Trainer	EZ-PMPID01P
14	PLC Networking Trainer	EZ-NETW001P
15	Factor Manufacturing Trainer	EZ-AOT0001P

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Sensor Trainer
EZ-SENSR001



Description:
The Sensor Trainer has been **designed with** an easy set up sensor testing accessories to study different type of sensor. The program cover on the performance, characteristic, output type, linearity, precision, hysteretic and maintenance for the individual sensor. A series of real application example are given to enhance student understanding in sensor usage in different industrial environment.

The **sensors used** in this trainer are Inductive sensor, capacitive sensor, thru' beam photo-electric sensor, Retro-reflective photo-electric sensor and, Diffuse Reflective photo-electric sensor and a list of sensor selection guide to broaden student knowledge.

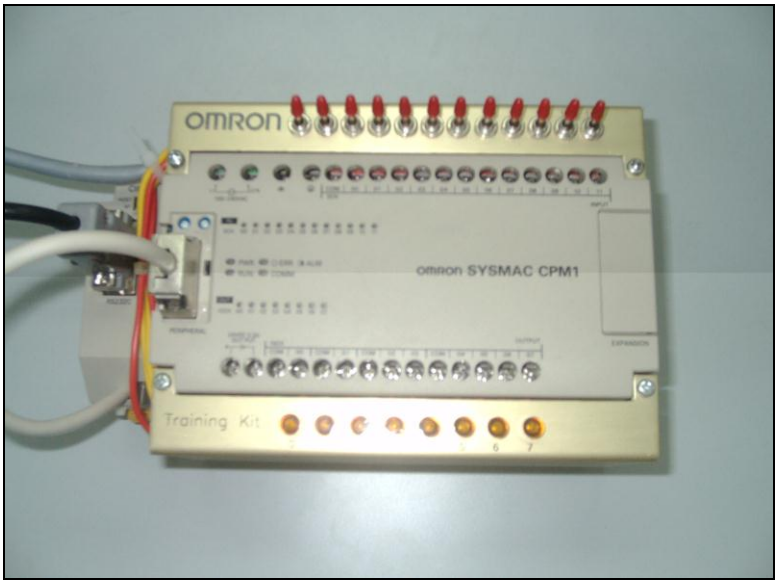
The sensors able to interface with DAQ data acquisition card which allow the information of the sensors to display as GUI.

This trainer is **complete with** a total of **over 20 experiments**. Each experiment identifies the objective, gives a background briefing, explains the procedures, and student is required to answer a series of observation and assignment.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Note:
ControlEZ reserves the rights improve the above specification and design without prior notice.

CPM1A PLC Trainer (Micro size)
EZ-CPMA001



Description:
User-friendly CPMA PLC Trainer specially include **step-by-step guide** to assist student with the fundamentals of **PLC operation, programming and wiring**.

The trainer kit base **consists of** lamp, switches, banana sockets and a selector switch. By selecting LAMP mode using the selector switch, student is able to simulate and test their Ladder program by using the pre-wired switches and lamps to confirm the correct operation of their Ladder program before switching into SOCKET mode. Switching to SOCKET mode will provides student with hands-on wiring experience. The entire banana socket is directly connected of PLC Input and Output terminals.

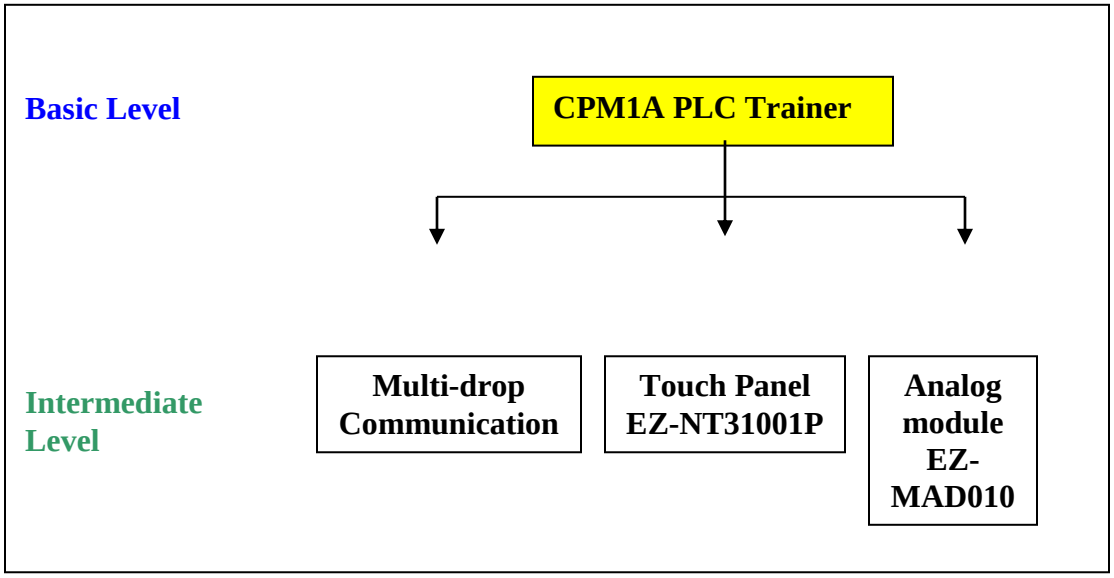
Besides learning on PLC concept, operation, programming and wiring, the course consists of **15 Life Application**, **12 useful Ladder circuitries, Installation and Wiring consideration, Maintenance and Trouble shooting**.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

The trainer is **complete with:**

• PLC CPU unit (CPM1A-20CDR-A)	• PLC Training Manual
• Trainer Kit Base	• Ladder Programming Software (Syswin)
• RS 232 Adapter (CPM1-CIF01)	• Syswin User Manual
• RS 232 Training Manual	• Trainer Storage Box

Learning path of CPM1A PLC Trainer:-



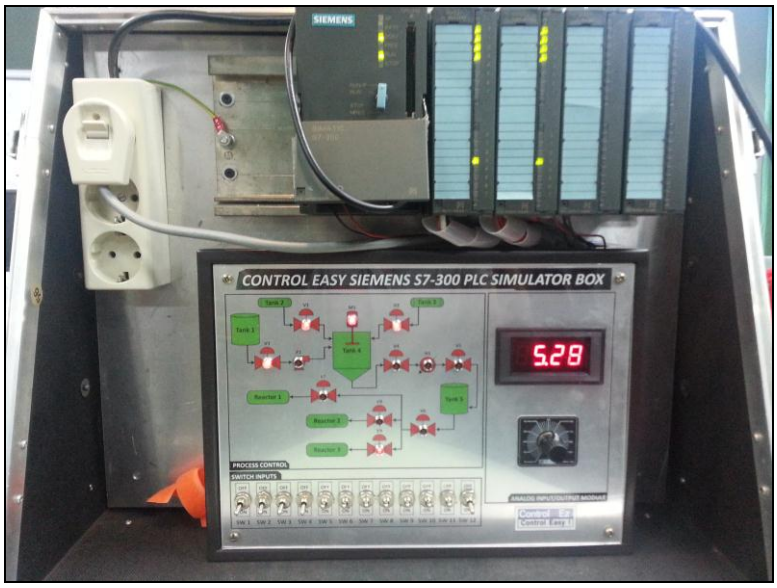
**The PLC system able to interface with DAQ data acquisition card which allow the information of the PLC to display as GUI.

Note:

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

ControlEZ reserves the right to improve the above specification and design without prior notice.

SIEMENS PLC Control Training System
EZ-PLCS7-1200-003



Description:
User-friendly SIEMENS PLC Trainer specially include **step-by-step guide** to assist student with the fundamentals of **PLC operation, programming and wiring**.

The trainer kit base **consists of** lamp, switches, banana sockets and a selector switch. By selecting LAMP mode using the selector switch, student is able to simulate and test their Ladder program by using the pre-wired switches and lamps to confirm the correct operation of their Ladder program before switching into SOCKET mode. Switching to SOCKET mode will provides student with hands-on wiring experience. The entire banana socket is directly connected of PLC Input and Output terminals.

Besides learning on PLC concept, operation, programming and wiring, the course consists of **10 Life Application**, **12 useful Ladder circuitries, Installation and Wiring consideration, Maintenance and Trouble shooting**.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

The trainer is **complete with:**

• PLC CPU unit (S7-1200 CPU224)	• PLC Training Manual
• Trainer Kit Base	• Ladder Programming Software
• Ethernet cable	• Software User Manual

Description

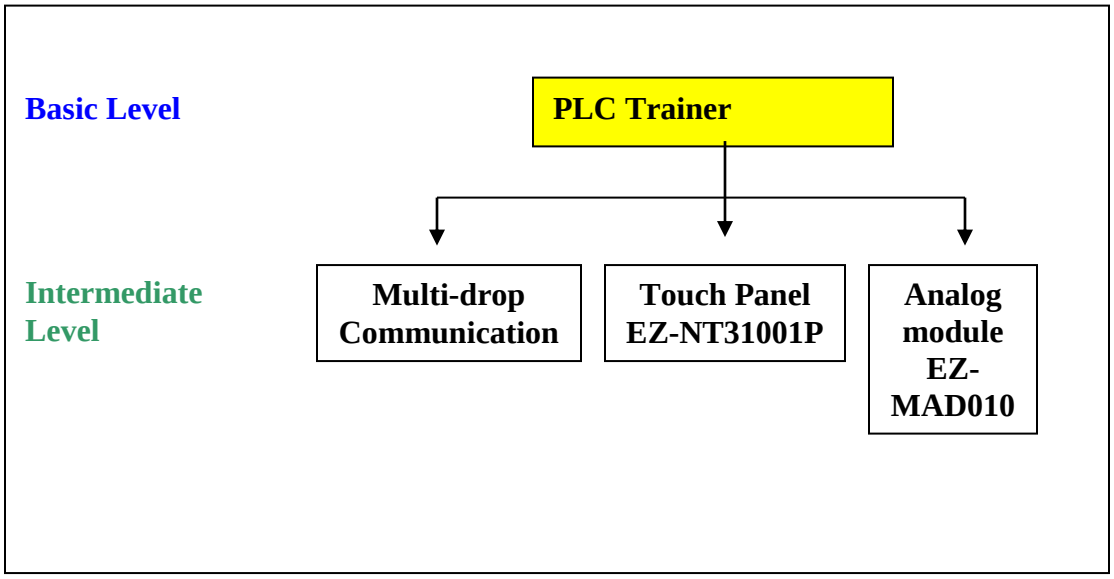
The PLC Training System is directed at users either beginning or retraining who need to know the basic principles of the SIEMENS S7-1200 programmable controller.

Objectives/Contents

- Knowledge of performance features of the SIMATIC S7-1200 PLC and programming devices
- Knowledge of expansion possibilities and address assignment for the S7-1200
- Ability to structure, generate, document and start up simple programs for control tasks with the S7-1200
- Knowledge of program structuring and processing in SIMATIC S7-1200 programmable controllers
- Ability to use STEP 7 Micro tools for program generation, documentation, testing programs and error detection
- Ability to use basic operations, standard and special operations
- The knowledge gained on all these aspects is consolidated by practical exercises using the S7-1200 programmable logic controller

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

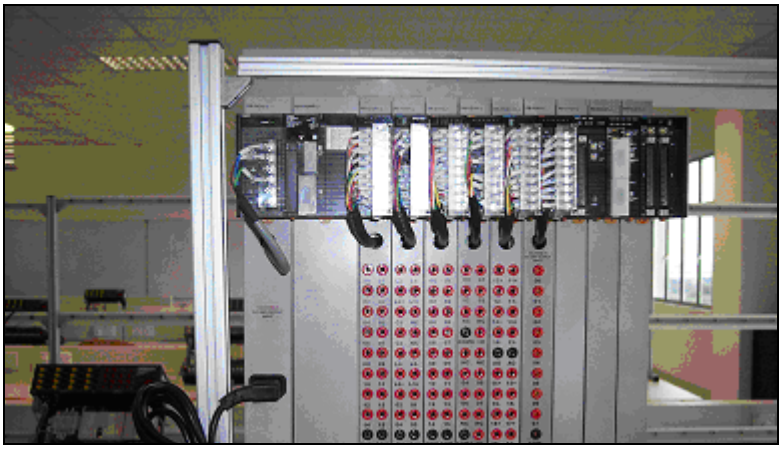
Learning path of PLC Trainer:-



Note:
Control Easy reserves the right to improve the above specification and design without prior notice. The training kit picture shown only for illustration purpose and subject to any change.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

CJ PLC Trainer (Small Size)
EZ-CJ1M001P



Description:
User-friendly CJ PLC Trainer specially comes with **step-by-step guide** to assist students with the fundamental of **PLC operation, programming and wiring**.

This trainer kit base **consists of** lamps, switches, banana sockets and a selector switch. By selecting LAMP mode using the selector switches, student is able to simulate and test their Ladder program by using the pre-wired switches and lamps to confirm the correct operation of their Ladder program before switching into SOCKET mode. Switching to SOCKET mode will provide student with hands-on wiring experience. All the banana sockets are directly connected PLC Input and Output terminals.

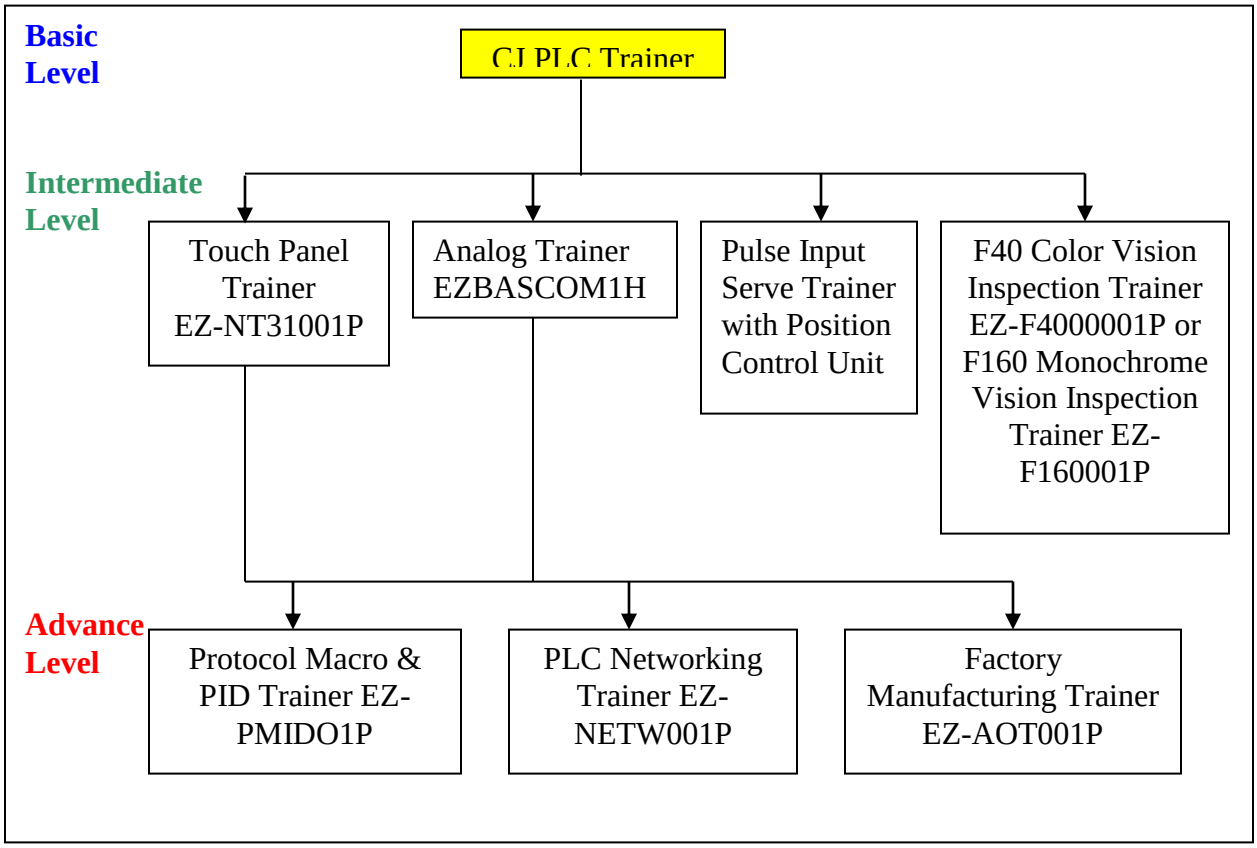
Beside learning PLC concept, programming and wiring, the courseware consist of operation of **15 real Life applications, 12 useful Ladder circuitries, Installation and Wiring consideration, Maintenance and Trouble shooting.**
The trainer is **complete with**:

• CJ Kit Base	• Programming Console
• 16 Digital Input Card	• Kit Base Power Supply
• 16 Digital Output Card	• Training Manual
• PLC Power Supply	• Ladder Programming Software (Syswin)
• CJ PLC CPU	

Note:
ControlEZ reserves the rights to improve the above specification and design without prior notice

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Learning path of PLC trainer:-

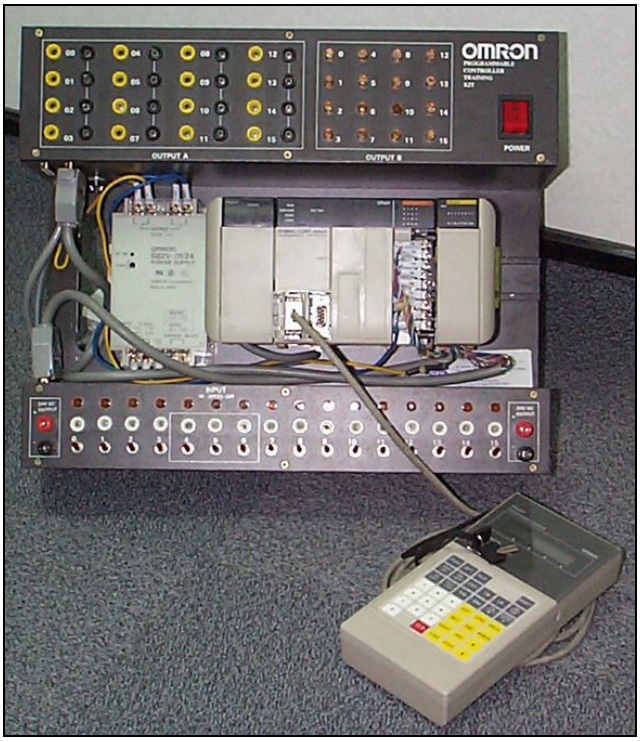


**The PLC system able to interface with DAQ data acquisition card which allow the information of the PLC to display as GUI.

Note:
ControlEZ reserves the rights to improve the above specification and design without prior notice

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

CS1 PLC Trainer (middle size)
EZ-CS1G002



Description:
User-friendly CJ PLC Trainer specially comes with **step-by-step guide** to assist students with the fundamentals of PLC programming and wiring.

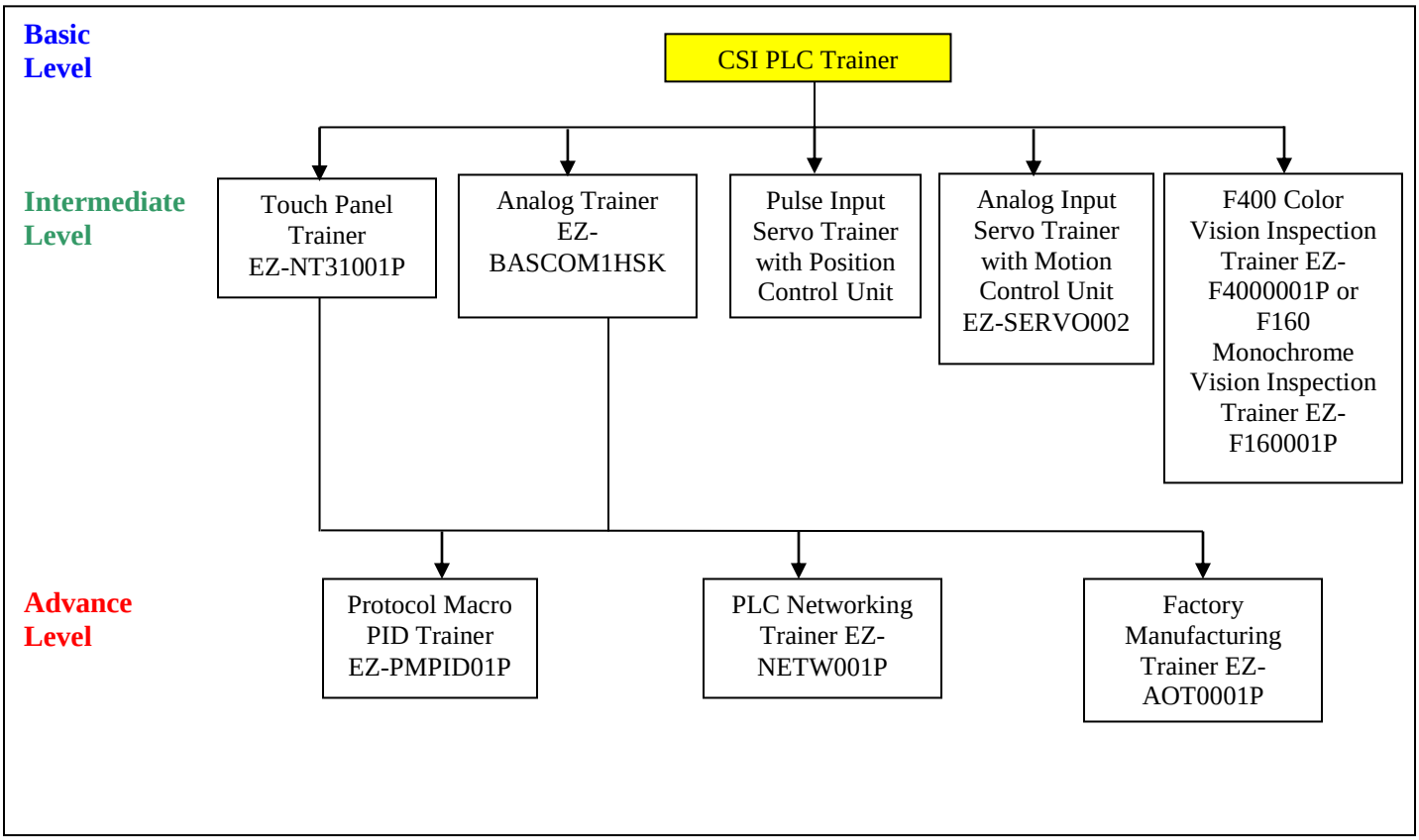
This trainer kit base **consists of** lamps, switches, banana sockets and 2 set of 25 ways D-Connor. By using the 25 way D-connector plug to port A, student is able to simulate and test their Ladder program by using the pre-wired switches and lamps to confirm the correct operation of their Ladder program before switching into port B. Switching are directly connected to PLC Input and Troubleshooting.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

The trainer is **complete with**:-

• PLC CPU (CS1G-CPU42H)	• Programming Console
• 16 Digital Input Card	• Kit Base Power Supply
• 16 Digital Output Card	• Training Manual
• PLC Power Supply	• Ladder Programming Software(Syswin)
• CS1 Kit Base	

Learning path of CS1 PLC trainer:-



**The PLC system able to interface with DAQ data acquisition card which allow the information of the PLC to display as GUI.

Note:
ControlEZ reserves the rights to improve the above specification and design without prior notice

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

FA Training Kit
EZ-FAMY001P

Description:
This trainer is suitable for **basic Factor Automation training** as it provide flexibility to integrate sensor, PLC, Relay, timer, counter and conveyor based on the student creativity.

The courseware cover on:-

• Outline of Control	• Installation Work
• Switches	• Protective Structure
• Sequence Circuits	• Symbols
• Relays	• Sensor Output Forms
• Timers	• Internal Schematic Diagram of Sensors
• Counters	• Programming Console Operations
• Sensor	• PLC Internal Processing
• Programmable Logic Control	• PLC Errors & Solutions
• List of Items, Materials & Parts used	

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

This trainer is **complete with over 20 experiments**. Each experiment identifies the objectives, gives a background briefing, explains the procedures, and the student is required to answer a series of observation and assignment.

Components:

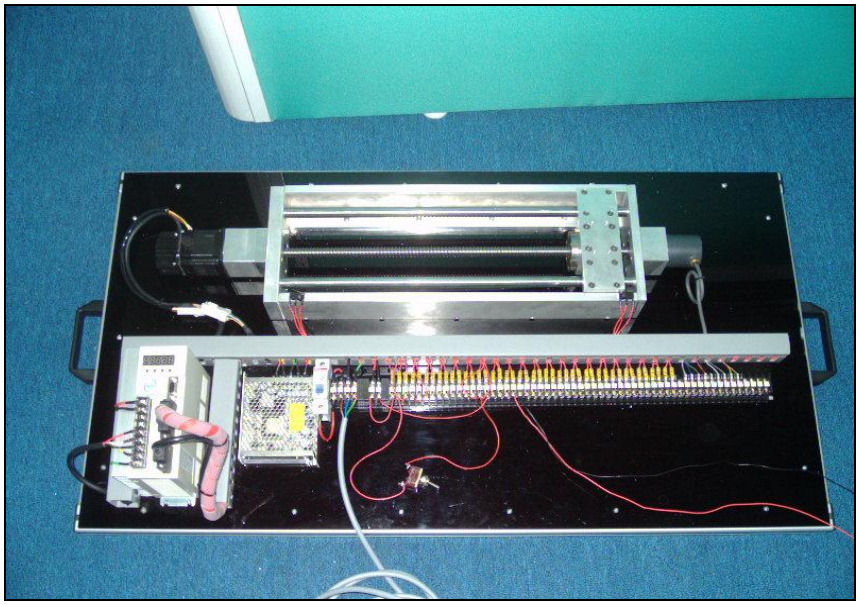
• CPM2A PLC	• Single pole Double pole Relay
• Programming Console	• Double pole Double Relay
• Proximity Sensor	• Plastic Casing
• 4 type of Photo-electric Sensor	• Relay Socket
• FA Kit Briefcase	• Timer Socket
• Timer	• Training Manual (Student & Lecturer)
• Counter	

**The PLC system able to interface with DAQ data acquisition card which allow the information of the PLC to display as GUI.

Note:
ControlEZ reserves the right to improve the above specification and design without prior notice.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

PLC Servo Trainer
EZ-SERBVO002



Description;
This trainer is integrated PLC, Sensor, Touch Panel, Linear guide, Power supply, Solenoid, Analog Input Servo Driver and Servo Motor. The student shall be able to interpret electrical system circuit diagram, troubleshooting fault on electrical system and Servo driver, enhance PLC and Touch Panel programming skill, and program Two-axis Motion control with multi-tasking PLC programming. This trainer is complete with **over 10 real application exercises on PLC Code Programming.**

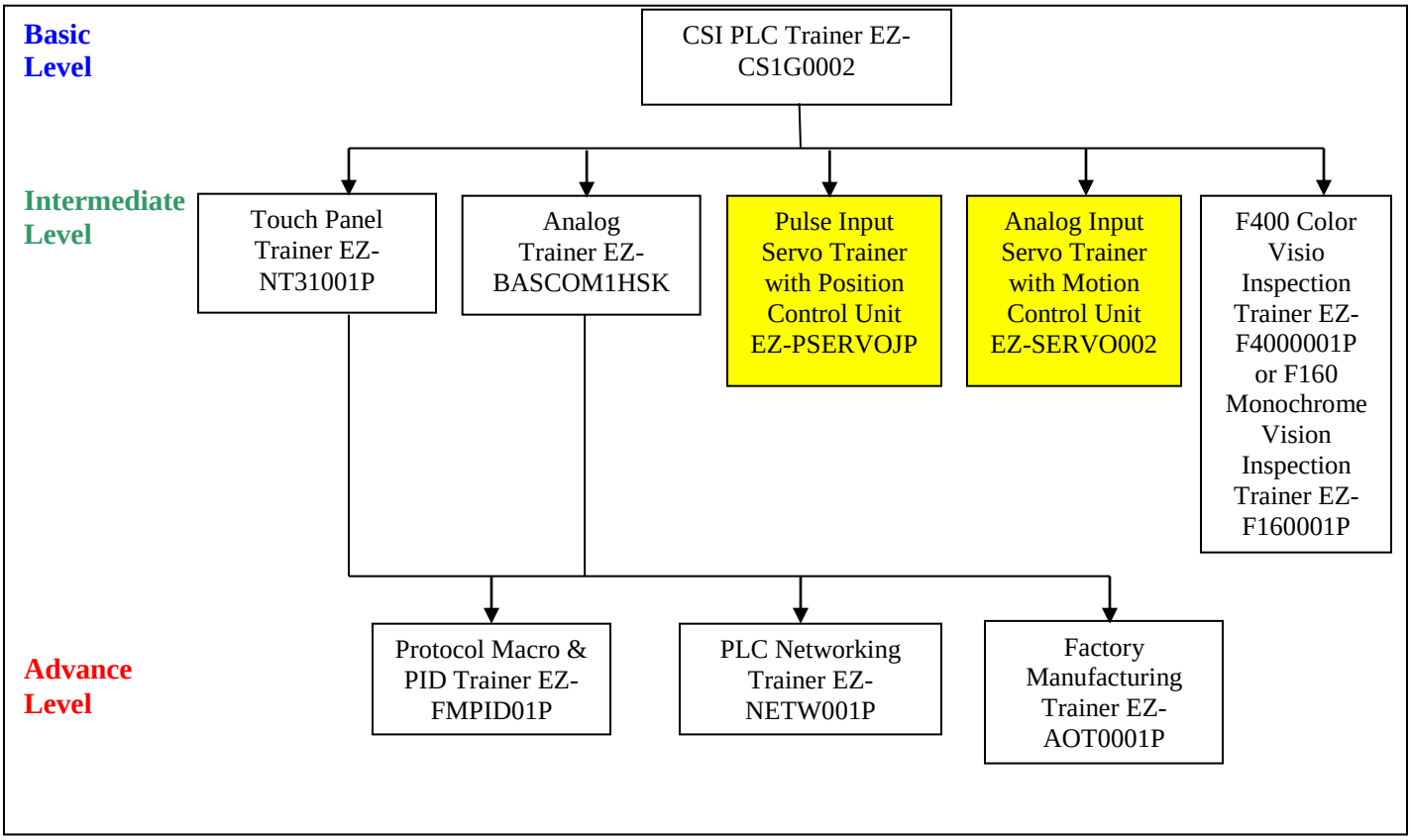
This trainer **complete with:**

• Motion Control Programming Console
• Touch Panel
• Servo Driver Programming Console
• RS232 Cable
• Analog Servo Driver AC200V 50W
• Servo Power Cable
• Servo Motor

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

• Ladder Programming Software
• Sensor Terminal
• PLC
• Sensor Terminal Cable
• Training manual
• Motion Control Unit
• Computer

Learning path of Servo Trainer :-



**The PLC system able to interface with DAQ data acquisition card which allow the information of the PLC to display as GUI.

Note:
ControlEZ reserves the right to improve the above specification and design without prior notice.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

PLC Touch Panel Trainer
EZ-NT31001P

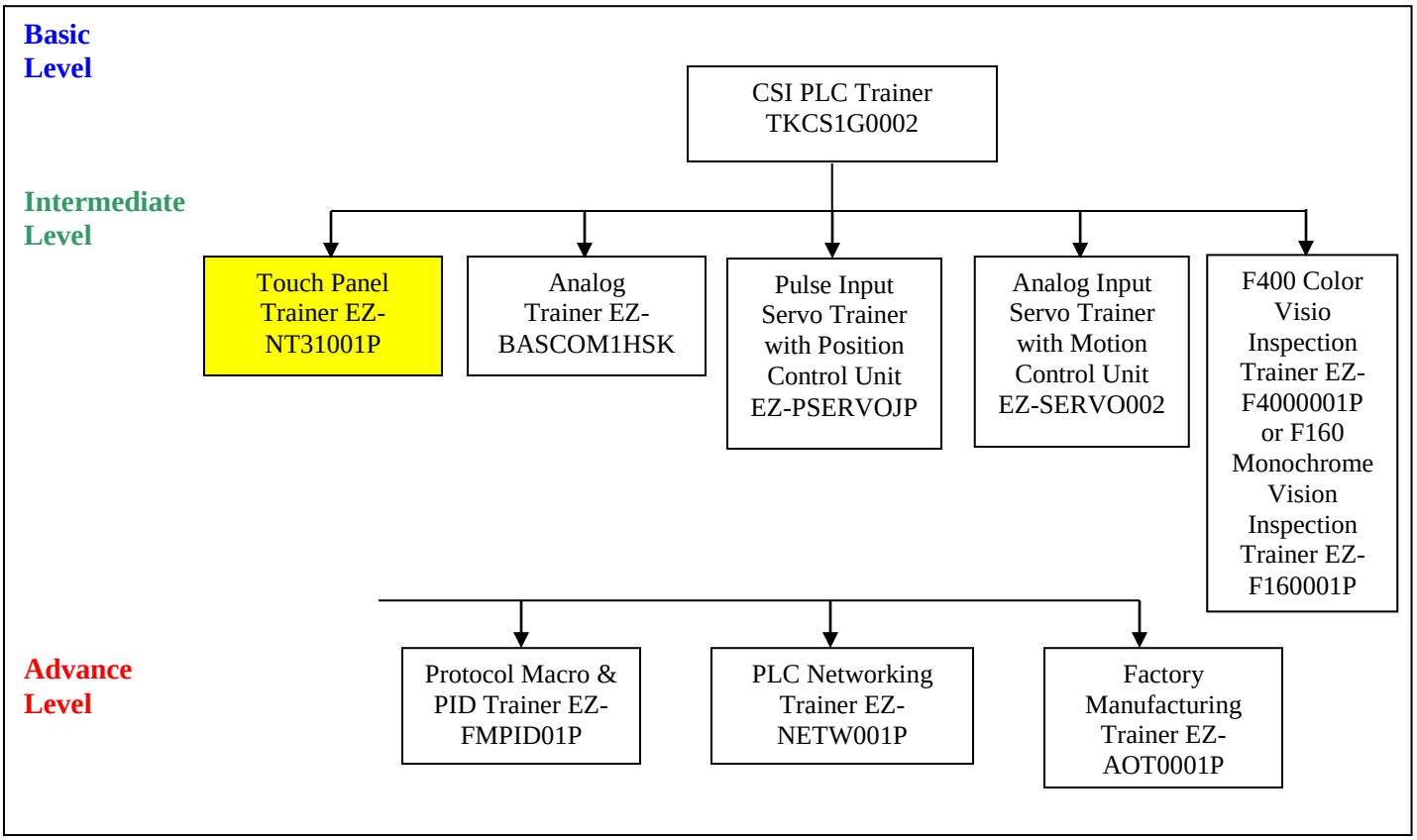
Description:
This trainer needs to cooperate with PLC trainer CPM1A PLC Trainer (EZ-CPM1A001), CJ PLC Trainer (EZ-CJ1M001P) or CS1 PLC Trainer (EZ-CS1G0002). Through this trainer student will be expose to **Man Machine Interface programming, monitoring, operating and troubleshooting.** In industrial, Touch Panel (Man Machine Interface) is very common in automations it assists the worker to understand and operate the system easier.

The trainer complete:

• Touch Panel
• Window base Touch Panel Programming Software
• Training Manual for Student & Lecturer

Learning path of Touch Panel Trainer:-

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com



Note:
ControlEZ reserves the right to improve the above specification and design without prior notice.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

PLC Analog Trainer
EZ-BASCQM1HSK

Description:
PLC Analog Trainer is a necessary tool for PLC trainer. It extend trainer understanding / learning PLC. Learning PLC shall not be complete knowing how PLC manage Analog signals are the crucial signal for automation operation.

Analog Input	**Analog Output**
• One set of –10V to +10Vbanana socket input	• One set of –10V to +10Vbanana socket input
• One set of 0 to 20mA banana socket input	• One set of 0 to 20mA banana socket input
• Four units of –10V to +10V terminals	• Two units of –10V to +10V terminals
• Four units of 0 to 20mA terminals	• Two units of 0 to 20mA terminals
• Two units potentiometer	• Two sets of 7 segment displays
• Two sets of 7 segment displays	

This trainer is **complete with**:-

- PLC Analog Trainer (EZ-CS1AD001P)
- CPM1A PLC Trainer (EZ-CPM1A001) and CPM1A Mix Analog Input and Output Module.

Or

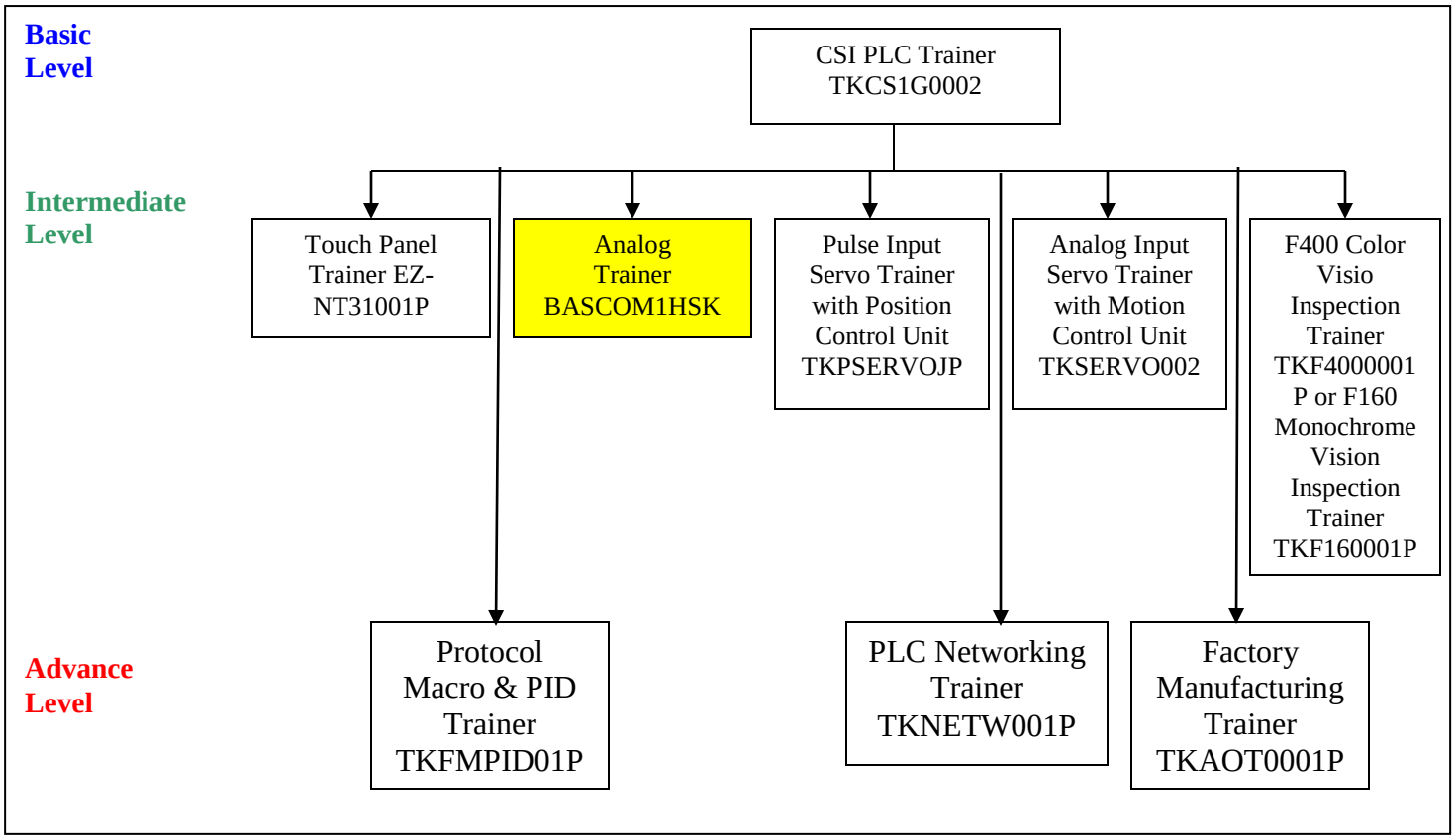
- CJ PLC Trainer (EZ-CJ1001P) and CJ1W Analog Input and Output Cards

Or

- CS1 PLC Trainer (EZ-CS1G0002) and CS1W Analog Input and Output Car

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Learning path of PLC Analog Trainer :



Note:
ControlEZ reserves the right to improve upon the above specifications and design without prior notice.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

F160 Monochrome Vision Inspection Trainer
EZF160001P

Description:
This trainer has been developed to provide **basic facilities to study Vision Inspection Sensor.** The program incorporates a wide variety of checking accessories to expose the capability and the performance of the Vision Inspection Sensor.

Components:-

• Metal Briefcase	• Polarizer
• Programming Console	• Extension Tube Set
• F160 Vision Inspection System	• 30 DEG. Red LED Ring Light
• Memory Card	• 70 DEG. Ring Light W Polarizer
• S82V-0524 AC100/200 24V2.1A	• 75 DEG. Ring Light
• 12MM LENS	• LED Power Supply, 10W
• 25MM LENS	• 2 Ways, 1M Extension Cable
• 50MM LENS	• Camera + Light Holder
• Red Filter	• Training Manual

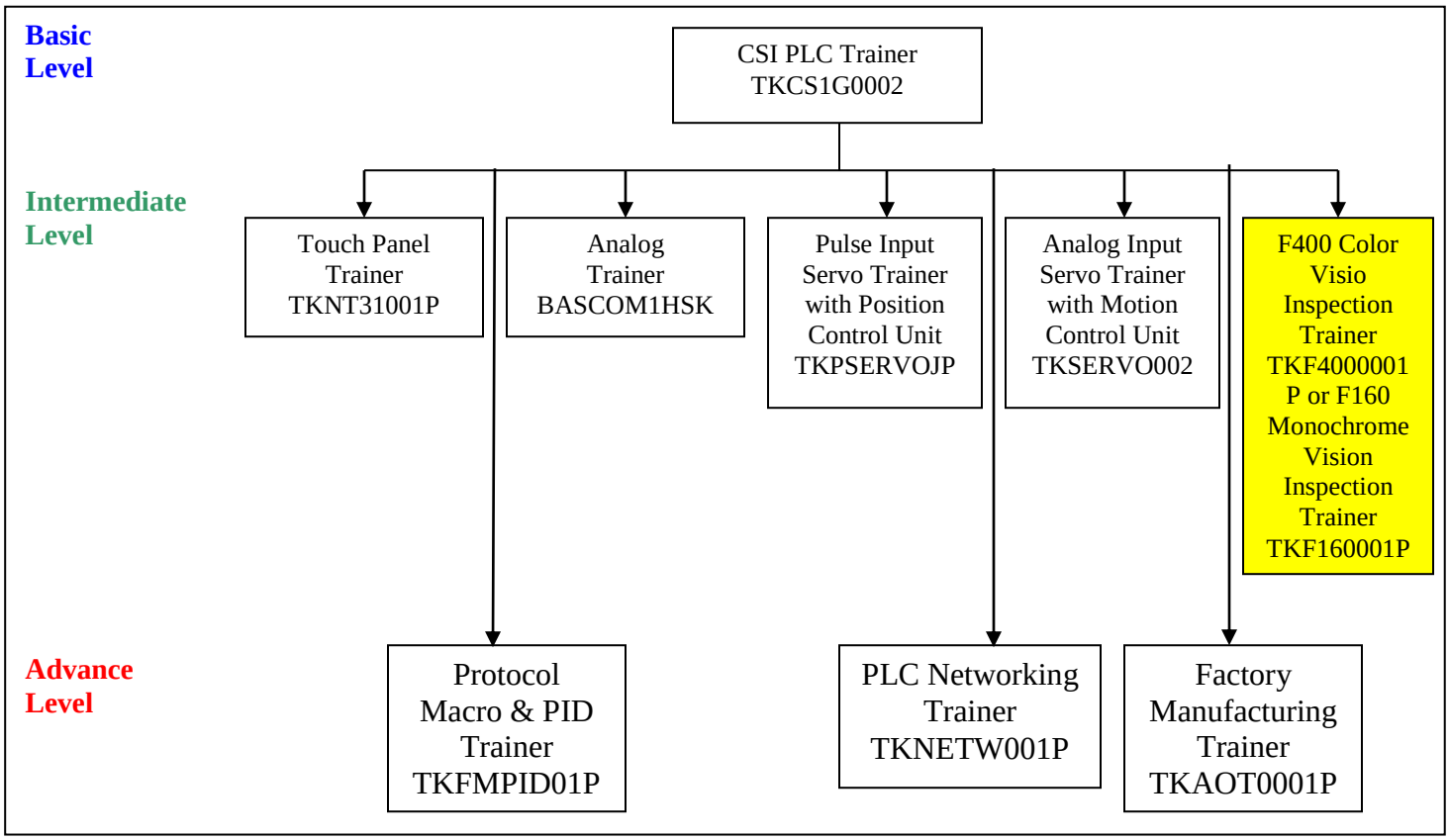
F160 vision system Inspection System allows participants to expose

- *the measurement algorithms in pattern matching*
- *width measurement*
- *surface detect*
- *character recognition*
- *surface density and slotting*

which can apply in various kind of applications.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Learning path of F160 Monochrome Vision Inspection Trainer



Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

F400 Color Vision Inspection trainer
EZF4000001P

Description:
This trainer has been developed to provide basic facilities in **studding Vision Inspection sensor.** The program incorporates a wide variety checking accessories to expose the capability and the performance of the color Vision Inspection sensor.

Components:-

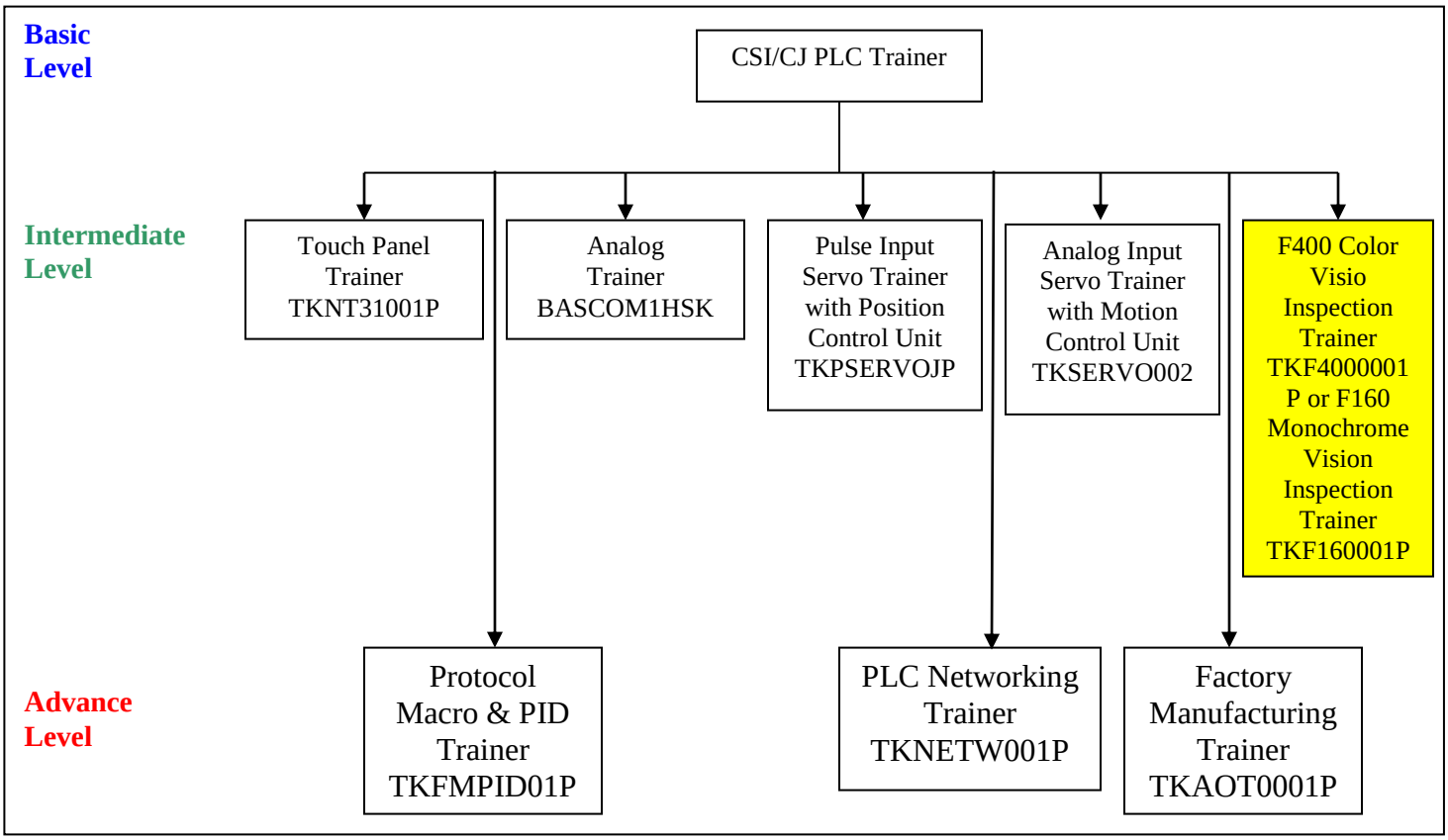
• Metal Briefcase	• 25MM LENS
• Programming Console	• 50MM LENS
• F400 color inspection system	• Extension Tube Set
• Memory Card	• LDR-50B-SW (White LED Light)
• Power supply	• Training Manual
• 12MM LENS	

F400 color Vision System able to distinguish differences in color, 56 colors in RGB filter matters. It also capable to detect up to 8 color pickup for inspection.

Note:
ControlEZ reserves the right to improve the above specification and design without prior notice.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Learning path of this trainer:-



Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Protocol Macro & PID Trainer.

Description:

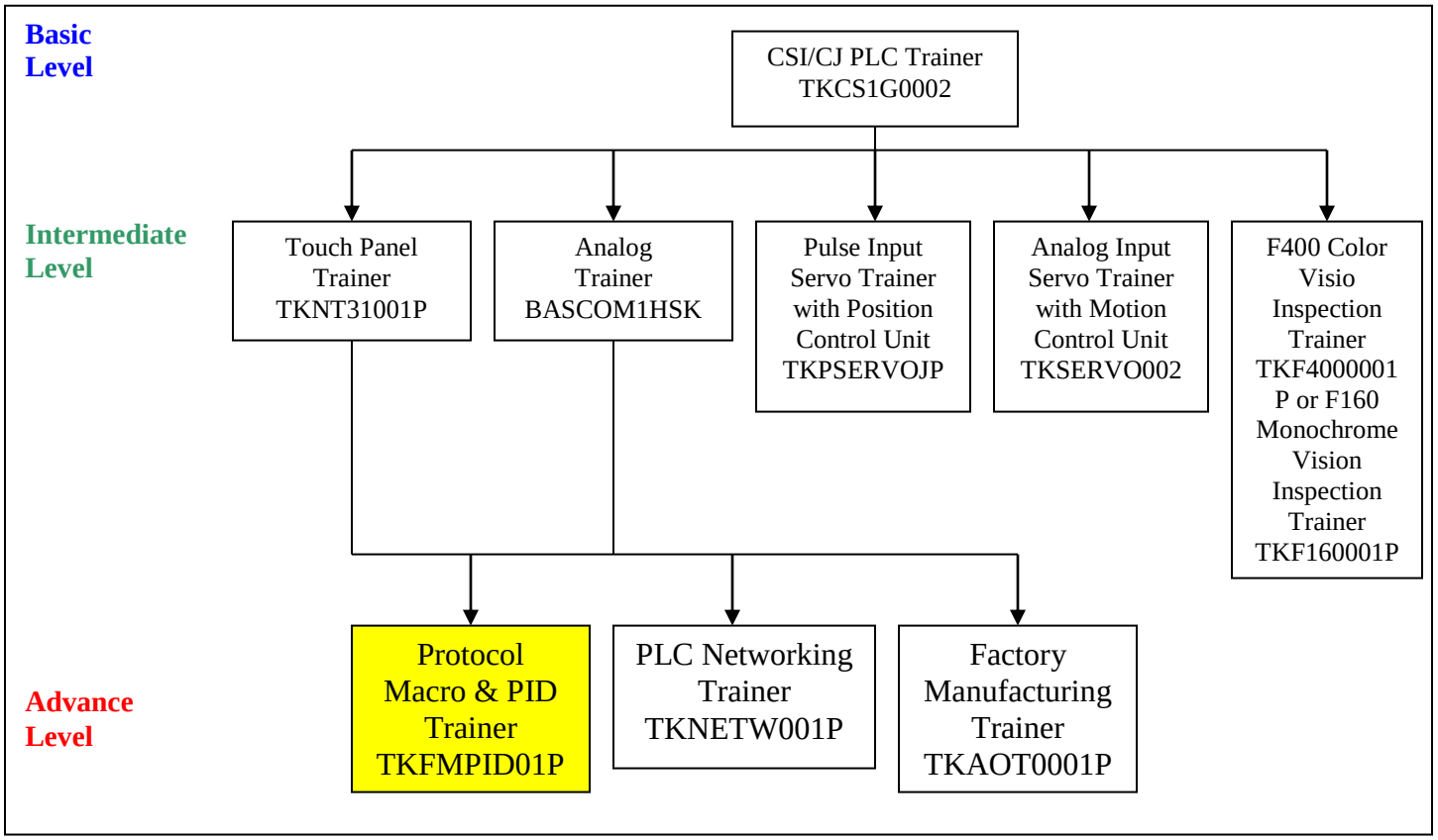
Brief explanation:

The simulation of reference temperature is set through the potential that to temperature controller with the information is being fed to CSI via protocol macro function. CSI will then supply a 4~20m to the inverter which controls the blower speed. This airflow is then monitored through a flow sensor and fed back to CSI-MAD. It is to maintain the speed at the set point.NT31C is used display and simulate door access system that can communicate with CSI via protocol macro function.

This trainer is **complete with**:
1- Briefcase for storage Which will lead the student how to interpret electrical system circuit diagram, troubleshooting fault on electrical system and inverter, enhance PLC and Touch Panel programming skill, create external device protocol for data exchange by executing with single instruction, and the real effect of tuning PID.

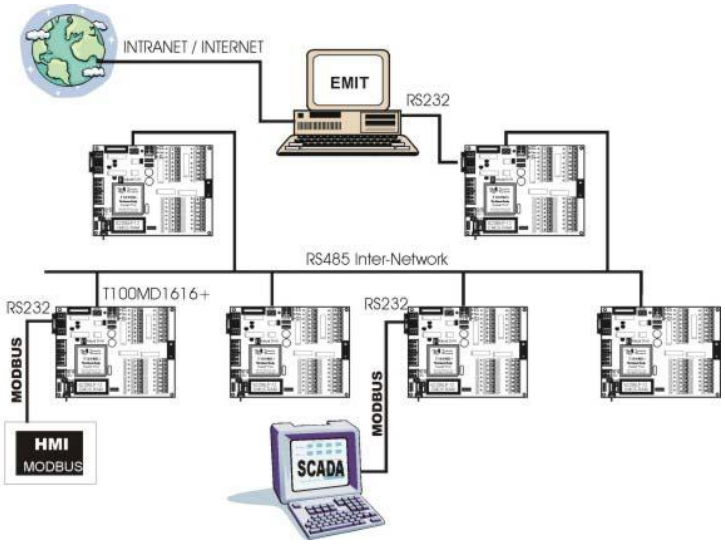
Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Learning path of this trainer:-



Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

PLC Networking Trainer
EZNNETW001P



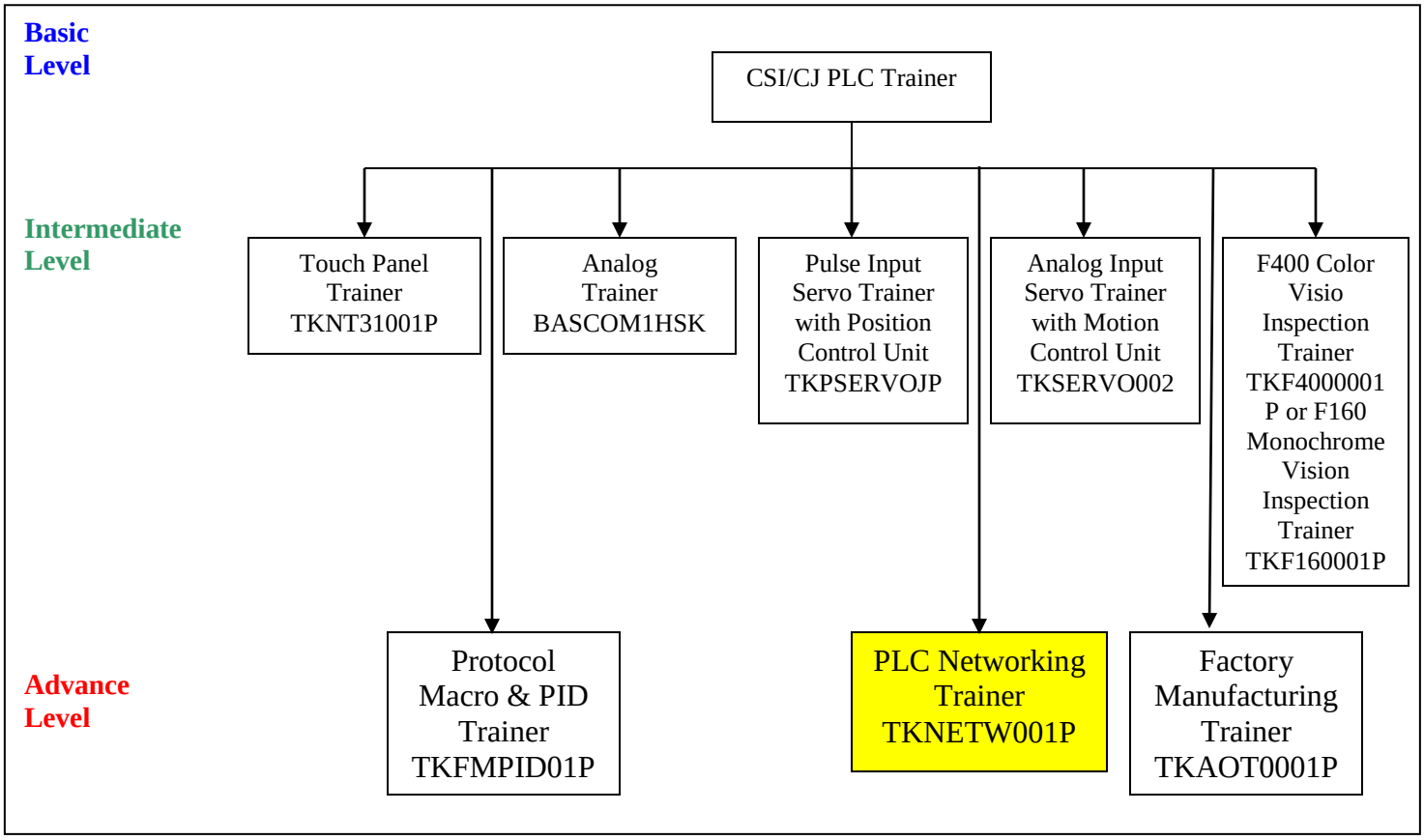
Description:
This trainer emphasis on seamless Massage Communication across the automation network levels. Networks are available for every level: Ethernet for information, Controller Link and Sysmac Link for Controller and Device Net ad Compo Bus/S for components. Massage communications can be performance smoothly across three network levels, dramatically accelerating the exchange of information at the production site. Student shall also learn to construct a system in multi vendor environments simplified with protocol macros for data exchange.

The trainer is **complete with**

• Ethernet Module	• Programming Software
• Controller Link Module	• Temperature Controller
• PLC	• Serial Communication Mod
• Data Modem	• Compo Bus/ D communication Unit
• GSM Modem	• Mounting Board
• HUB	• Cross Cable
• Device Net Module	• RS 233 Cable
• Programming Console	• Training Manual

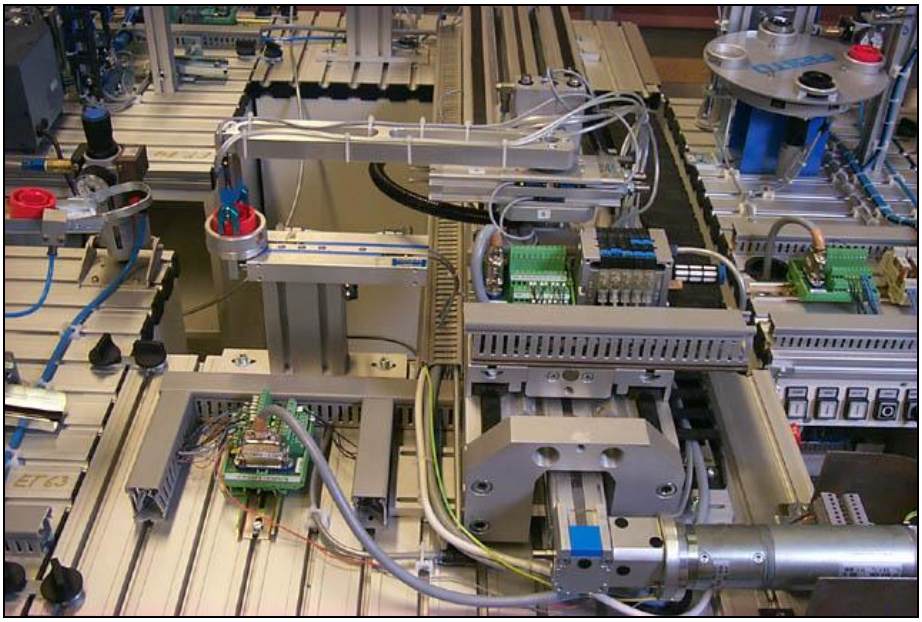
Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Learning path of this trainer:-



Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Factory Manufacturing Trainer
EZAOT0001P



Description:

Station 1
The loading station. It must receive a model number from the operator before it pushes out the part for loading. The pick place sequence will only start with the depression of the "start" push button.
Station 2
To simulate a **drilling station**. It is to read the data carrier to determine which model is present on the pallet and then decide the drilling pattern to be carried out
Station 3
The heating station and the control of even temperature is assigned to a PID controller (E5CK). The PLC only has sends the required "set" value for the oven and to display the 'present' value of the oven temperature. The communication between the temperature controller and PLC is done using the protocol macro function.

Station 4

The testing station. It will read from the data carrier the model number and then select the appropriate tolerance range to conduct the test. After the test, the station will write the result to the data carrier.

Station 5

The reject station. It will read from the data carrier and if the pass/fail statuses reflect as fail, the pick and place sequence will then star.

Station 6

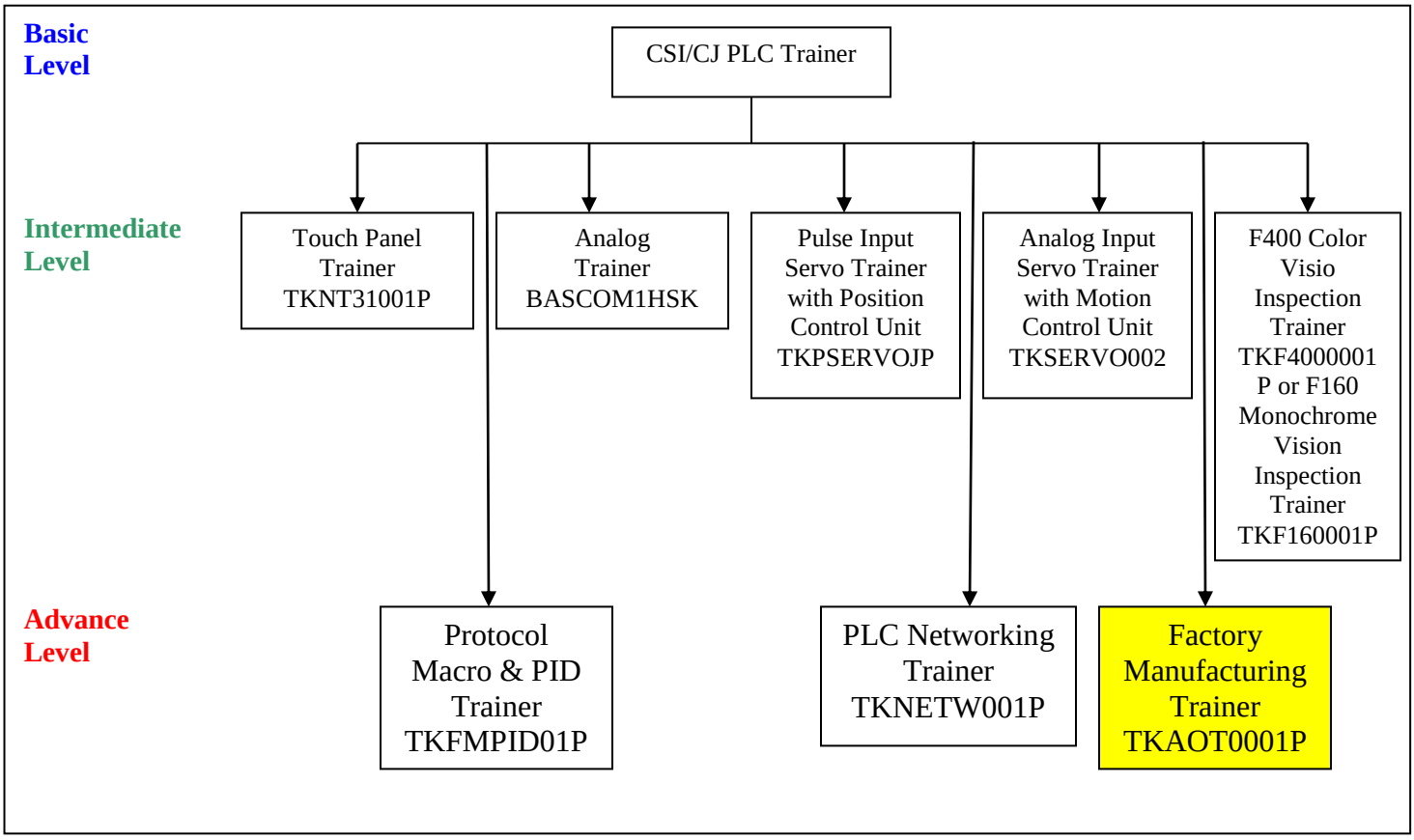
The accept station. It will read from data carrier and if the pass/fail statuses reflect as pass, the pick and place sequence will then start.

This trainer shall analysis, installation, troubleshooting diagnosis and repair, design, and understanding and drawing up of documentation.

This trainer is **complete with**:

• Photo Sensor
• Proximity Sensor
• ID sensor System
• Inverter
• PLC
• Temperature Controller
• Compo bus/S Input and Output module
• Relay Sockets
• Relays
• Touch panel
• Robot
• Conveyor
• Switches
• Lamps
• Pneumatic
• SCADA
• Mechanical Structure
• Training manual
• Computer

Note:
ControlEZ reserves the right to improve above specification and design without prior notice.

Control Easy Technology Sdn. Bhd. (924757-A)
Industry Machine Vision, Motion, PLC & PC Control Automation Systems.
Education Control Training Systems.
No 28G &1, The Atmosphere, Jalan Atmosphere 5,Bandar Putra Permai,
43300 Seri Kembangan,Selangor, Malaysia.
Tel: +603-9545 2009 Fax: +603-9545 2010
E-mail: sales@controlez.com www.control-easy.com

Learning path of this trainer:-