

TVET Training Equipment

Short Form Catalog



Electrical and Pneumatic

2026

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Not sure what equipment to purchase for your curriculum. Just send us your curriculum code and we will help you determine what equipment is best suited to your needs.

We take pride in designing training equipment tailored to your specific needs and perfectly aligned with your curriculum.

Whether it's a customized module or a fully customized solution, we deliver with precision and expertise.

www.tvet.online

Purpose built training equipment for an ever changing world.



Contents

Laboratory Frame and Accessories	1- 7
Electrical Modules	8
Automation and Control Modules	9
Solar Modules	10
Fault Tracing Panels	11
Pneumatics	12
Programmable Logic Controllers	13
Scaled Production Lines	14
Electronic Test Bench	15
Development Board and Prototyping	16
Miscellaneous Equipment	17

Laboratory Frames and Accessories

Electrical Frames - Horizontal Power Distribution



All Frames and Accessories
can be customized to your
requirements.

Worksurface available in
the following colours.

Colours

Super White

Ivory

Folkstone Grey

Mid-Grey

Specifications

Frame - Anodized aluminium extrusion profile (45x45 and 45x90 Profile with 10mm T slot)

All exposed slots have a T Slot Cover in place.

Casters: 4 x 100mm Braked .

Dimensions: W=2090mm H=1885mm D=690mm

Dimensions of Electrical Module attachment area: 1000mm x 900mm

Dimension of A4 Module area: 1020mm x 2 Rows

Work Surface: 32mm Melamine Board with edging.

Options:

Power Supply Ducting

Dimensions: L=1020mm H=155mm D=180mm

Power Supply Ducting Module:

Power Distribution Module fitted with 3 Phase and Single Phase RCBO

24Vdc (4.2A) DC PSU

Fixed DC PSU +15Vdc (1.5A), -15Vdc (0.5A), 5Vdc (4A)

LED Fluorescent Fitting 1500mm

Laboratory Frames and Accessories

Electrical Frames - Horizontal Power Distribution



Drawers can be custom made to
your requirements

Drawers are available in
the following colours.

Colours	
	Super White
	Ivory
	Folkstone Grey
	Mid-Grey

Laboratory Frames and Accessories

Electrical Frames - Vertical Power Distribution

All Frames and Accessories
can be customized to your
requirements.

Worksurface available in
the following colours.

Colours

Super White

Ivory

Folkstone Grey

Mid-Grey



Specifications

Frame - Anodized aluminium extrusion profile (45x45 and 45x90 Profile with 10mm T slot)

All exposed slots have a T Slot Cover in place.

Casters: 4 x 100mm Braked.

Dimensions: W=2090mm H=1885mm D=690mm

Dimensions of Electrical Module attachment area: 1000mm x 900mm

Dimension of A4 Module area: 1020mm x 3 Rows

Work Surface: 32mm Melamine Board with edging.

Options:

Power Supply Ducting

Dimensions: L=1020mm H=155mm D=180mm

Power Supply Ducting Module:

Power Distribution Module fitted with 3 Phase and Single Phase RCBO

24Vdc (4.2A) DC PSU

Fixed DC PSU +15Vdc (1.5A), -15Vdc (0.5A), 5Vdc (4A)

LED Fluorescent Fitting 1500mm

Laboratory Frames and Accessories

Electrical Frames



Drawers can be custom made to
your requirements

Drawers are available in
the following colours.

Colours	
	Super White
	Ivory
	Folkstone
	Mid-Grey

Laboratory Frames and Accessories

Automation and Control Frames



All Frames and Accessories
can be customized to your
requirements.

Worksurface available in
the following colours.

Colours

Super White

Ivory

Folkstone

Mid-Grey

Specifications

Frame - Anodized aluminum extrusion profile (45x45 and 45x90 Profile with 10mm T slot)

All exposed slots have a T Slot Cover in place.

Casters: 4 x 100mm Braked.

Dimensions: W=2090mm H=1885mm D=690mm

Dimension of A4 Module area: 1600mm x 2 Rows

Work Surface: 32mm Melamine Board with edging.

Options:

Power Supply Ducting

Dimensions: L=1020mm H=155mm D=180mm

Power Supply Ducting Module:

Power Distribution Module fitted with 3 Phase and Single Phase RCBO

24Vdc (4.2A) DC PSU

Fixed DC PSU +15Vdc (1.5A), -15Vdc (0.5A), 5Vdc (4A)

LED Fluorescent Fitting 1500mm

Laboratory Frames and Accessories

Automation and Control Frames



Drawers can be custom made to
your requirements

Worksurfaces and drawers are avail-
able in the following colours.

Colours	
	Super White
	Ivory
	Folkstone
	Mid-Grey

Laboratory Frames and Accessories

Mobile Side Cabinets



Mobile Side Cabinet

- 1 x Drawer on Ball Bearing Slides
- 1 x Hinged Door with Handle on right side
- 1 x Shelf
- 4 x Casters



Mobile Side Cabinet

- 1 x Drawer on Ball Bearing Slides
- 1 x Hinged Door with Handle on left side
- 1 x Shelf
- 4 x Casters



3 Draw Mobile Side Cabinet

- 3 x Drawer on Ball Bearing Slides
- 4 x Casters

Colours

	Super White		Ivory
	Folkstone		Mid-Grey

Electrical Modules

For use on Laboratory Frames



SIEMENS



BALLUFF



**We only use standard
industrial components in our training
systems.**

Automation and Control Modules

For use on Laboratory Frames - A4 Size Modules

SIEMENS

Schneider
Electric

RA **Rockwell**
Automation



OMRON



BANNER

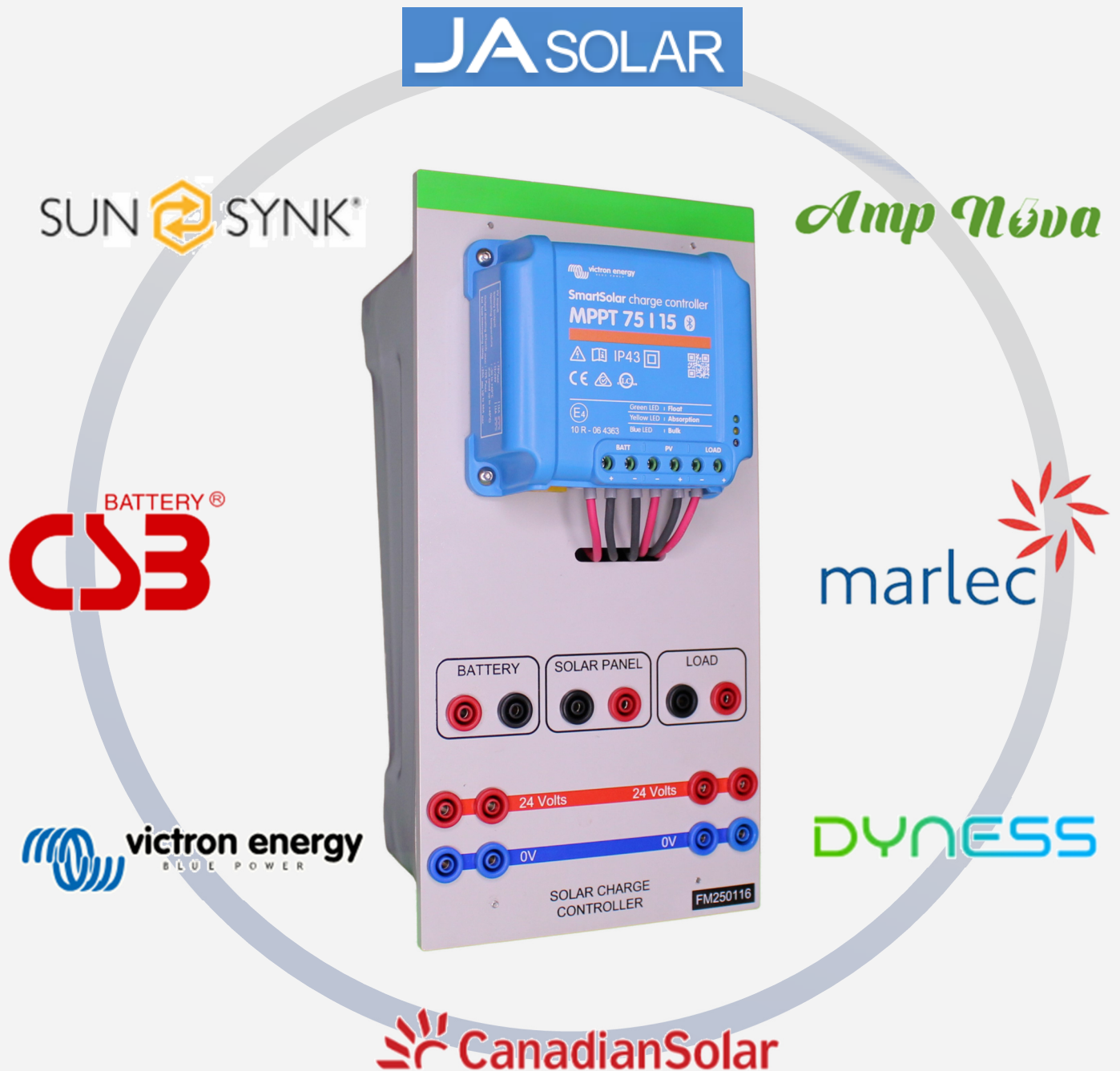
PILZ

KEYENCE

**We only use standard
industrial components in our training
systems.**

Solar Modules

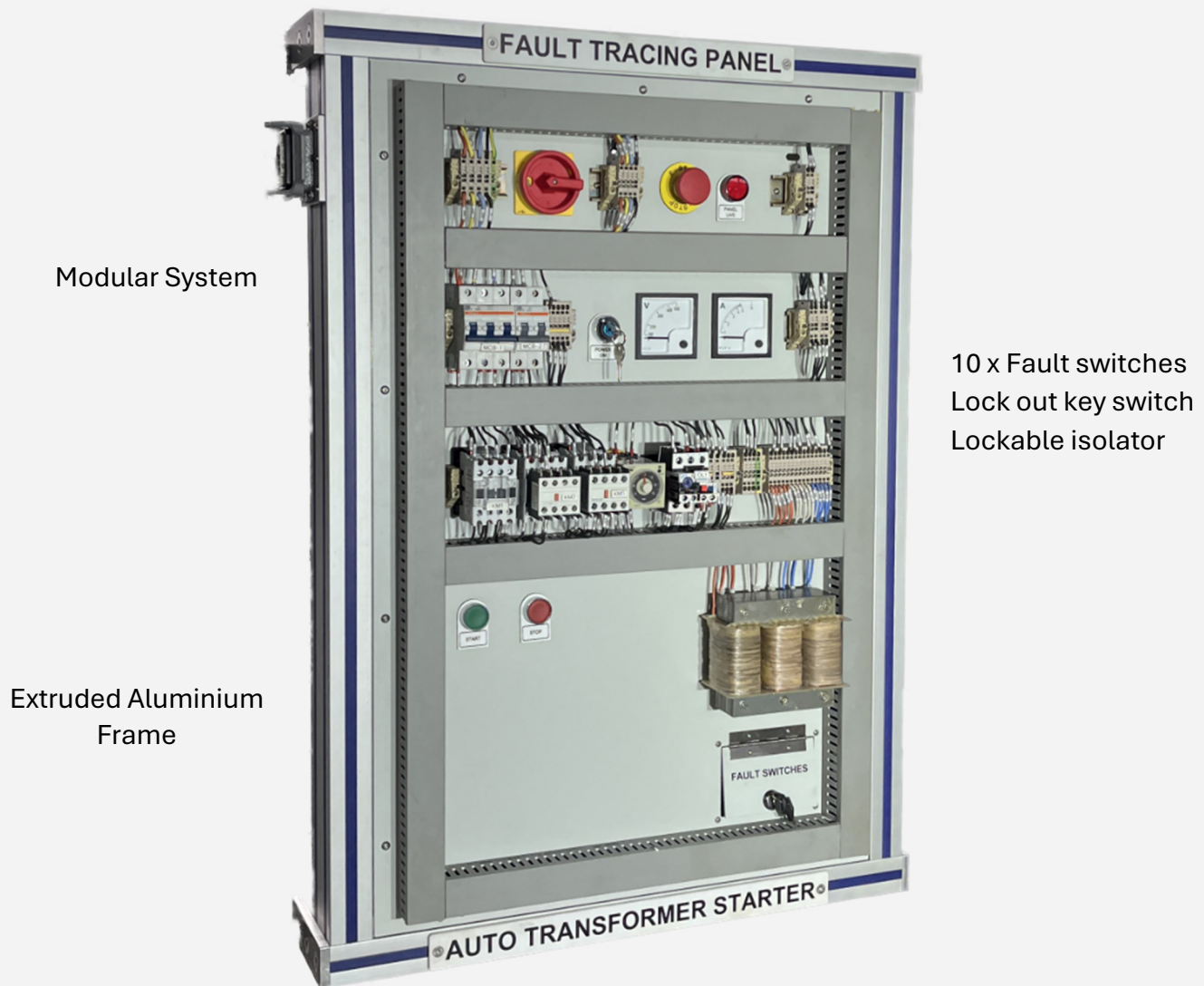
For use on Laboratory Frames - A4 Size Modules



We only use standard industrial components in our training systems.

Fault Tracing Panels

Fault Tracing Panels



Fault Tracing Panels

Star / Delta Fault Tracing Panel

PLC Fault Tracing Panels

Sequence Starting Fault Tracing Panels

Oscillating Fault Tracing Panel

Star / Delta Forward - Reverse Fault Tracing Panel

All panels supplied with student and lecturer drawings. Lecturer drawing shows the position of the fault simulation switches.

Fault Tracing Panels can be custom built to you requirements.

Pneumatics

Pneumatic Frames and Modules



We only use standard industrial components in our training systems.

Programmable Logic Controllers

PLC Training Equipment



SIEMENS

RA Rockwell Automation

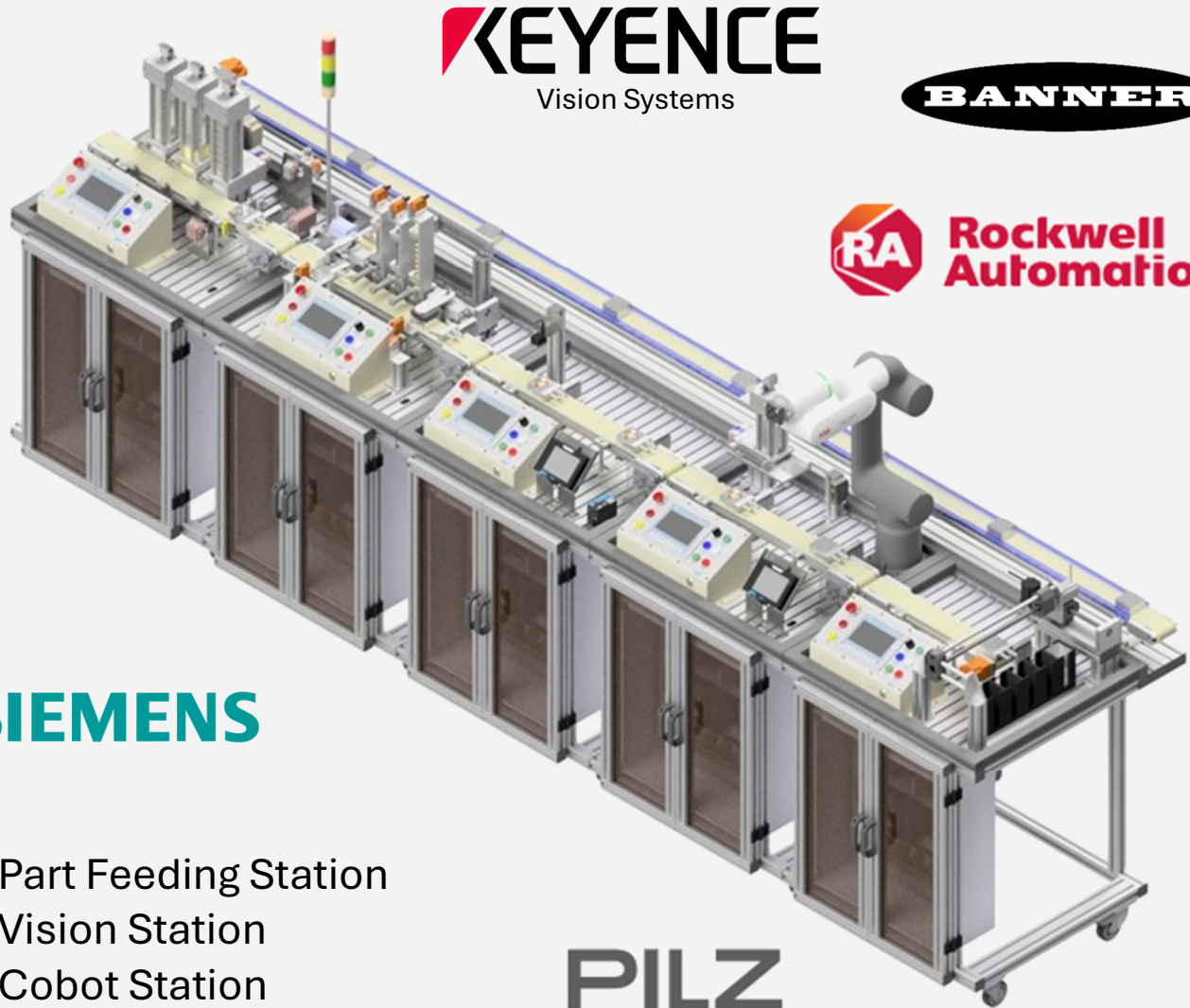
MITSUBISHI ELECTRIC

Digital Inputs - Digital Outputs - Analog Inputs - Analog Outputs
- Encoders - Industrial Protocols - HMI Programming

Available in Suitcase or A4 Module form.

Scaled Production Line

Using the latest Industrial Control Technology



KEYENCE
Vision Systems

BANNER

RA Rockwell
Automation

SIEMENS

Part Feeding Station
Vision Station
Cobot Station
Packing Station
Server Rack
Assembly Station
Return Conveyor

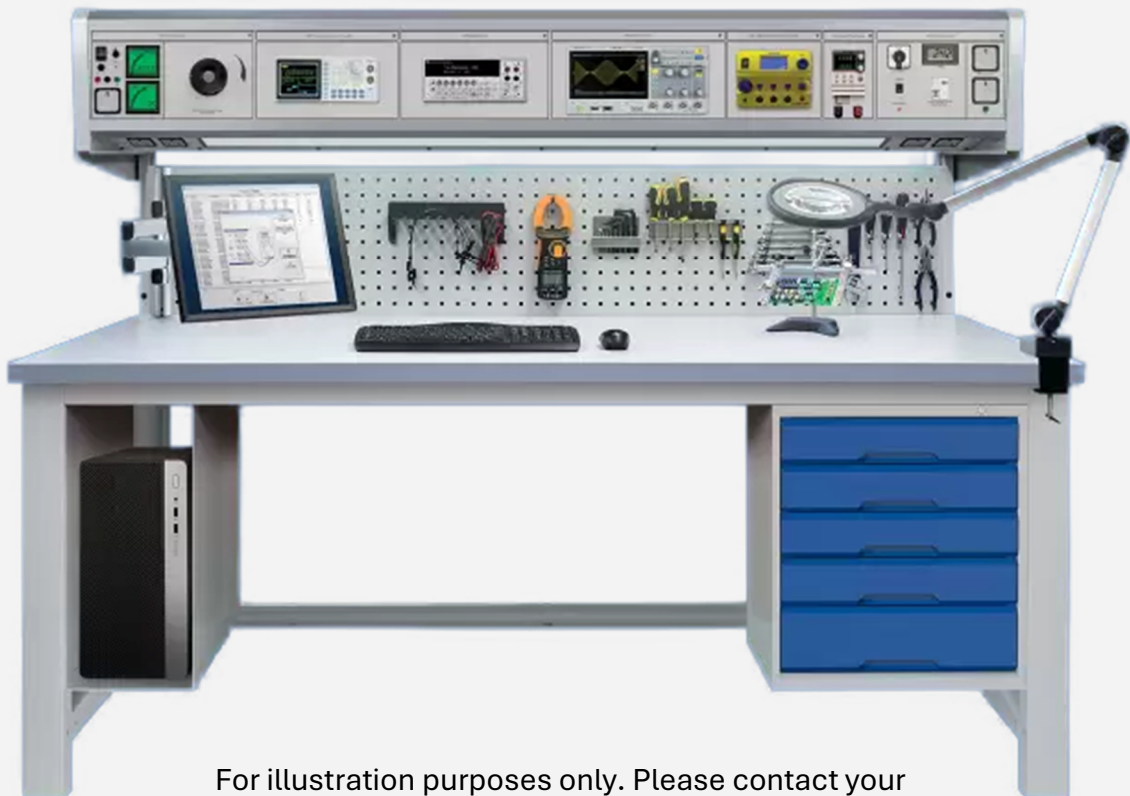
PILZ



**We only use standard
industrial components in our training
systems.**

Electronic Test Bench

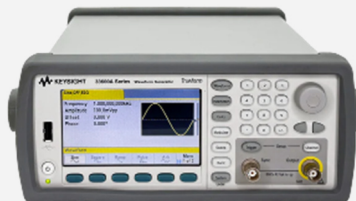
For fault tracing and testing of electronic circuits



For illustration purposes only. Please contact your local supplier for different configurations.



Oscilloscopes



Function Generators



Power Supplies



All-In-One PC

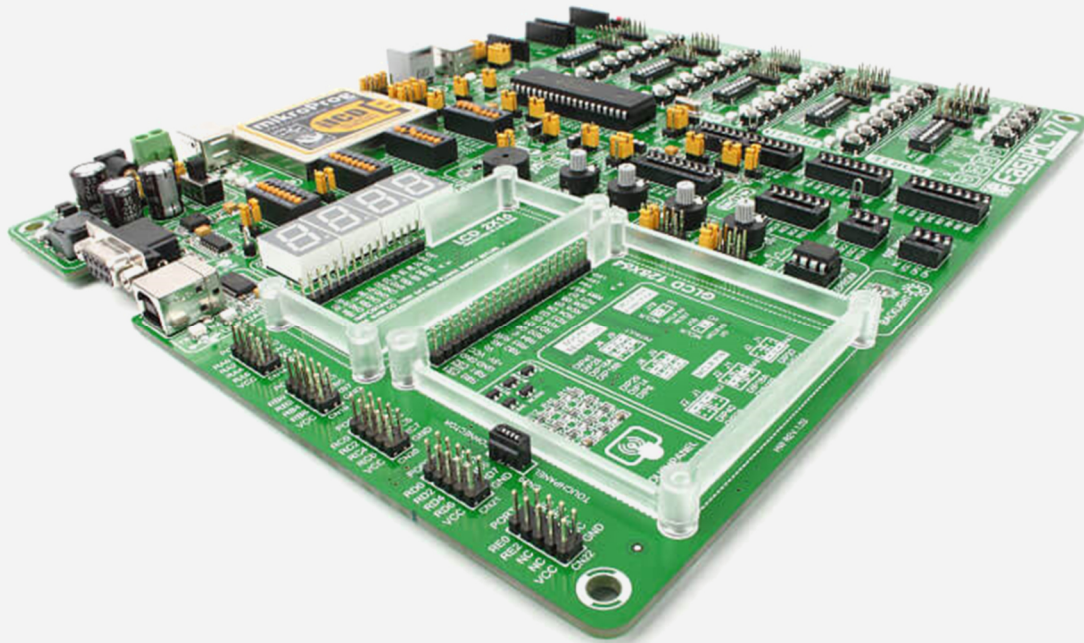


Toolboxes and Test Leads



Soldering Stations

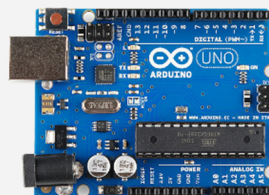
Development Boards and Prototyping



From
Schematic to PCB



Starter Kits



Arduino UNO



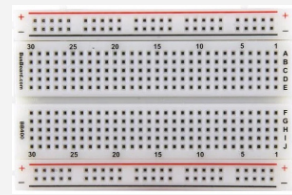
Arduino MEGA



PIC Development Boards

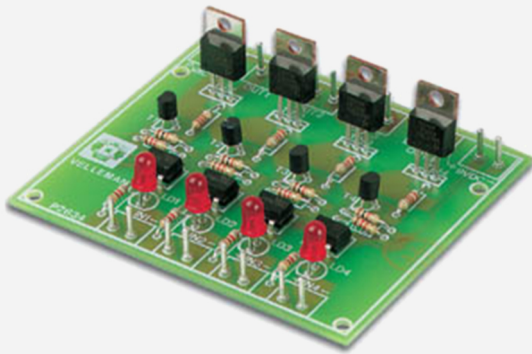


PIC Development Boards

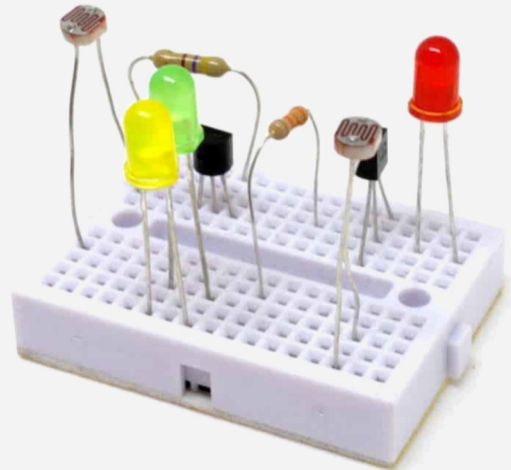


Prototyping

Miscellaneous Equipment



Electronic Assembly Kits



Electronic Components



Workshop Equipment



Electronic Test Equipment

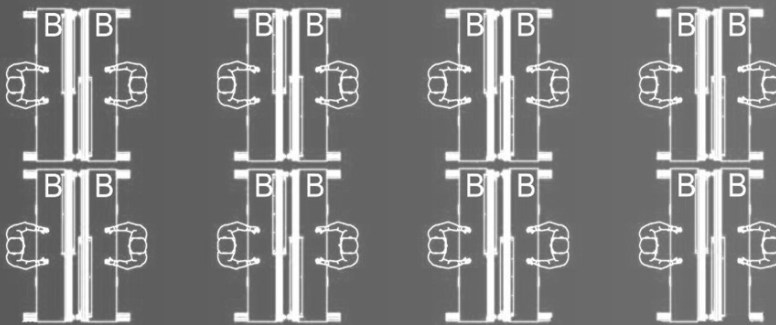
ELECTRICAL Training Modules

- Standard Industrial Parts
- 4mm Safety Banana Plug or 6mm Brass Stud System
- Easily attaches to 45mm Aluminium T-Slot Profile
- 8mm T-Bolt with finger tighten knob

If we don't have a module you require, we will design and manufacture it for you. Even a single module.



Need help with a classroom layout?



Simply send us your floor plans and we will take care of the rest.

PURPOSE BUILT

We take pride in designing training equipment tailored to your specific needs and perfectly aligned with your curriculum. Whether it's an additional module or a fully customized solution, we deliver with precision and expertise.



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ONLY PAY FOR WHAT YOU NEED.

TVET TRAINING
SYSTEMS