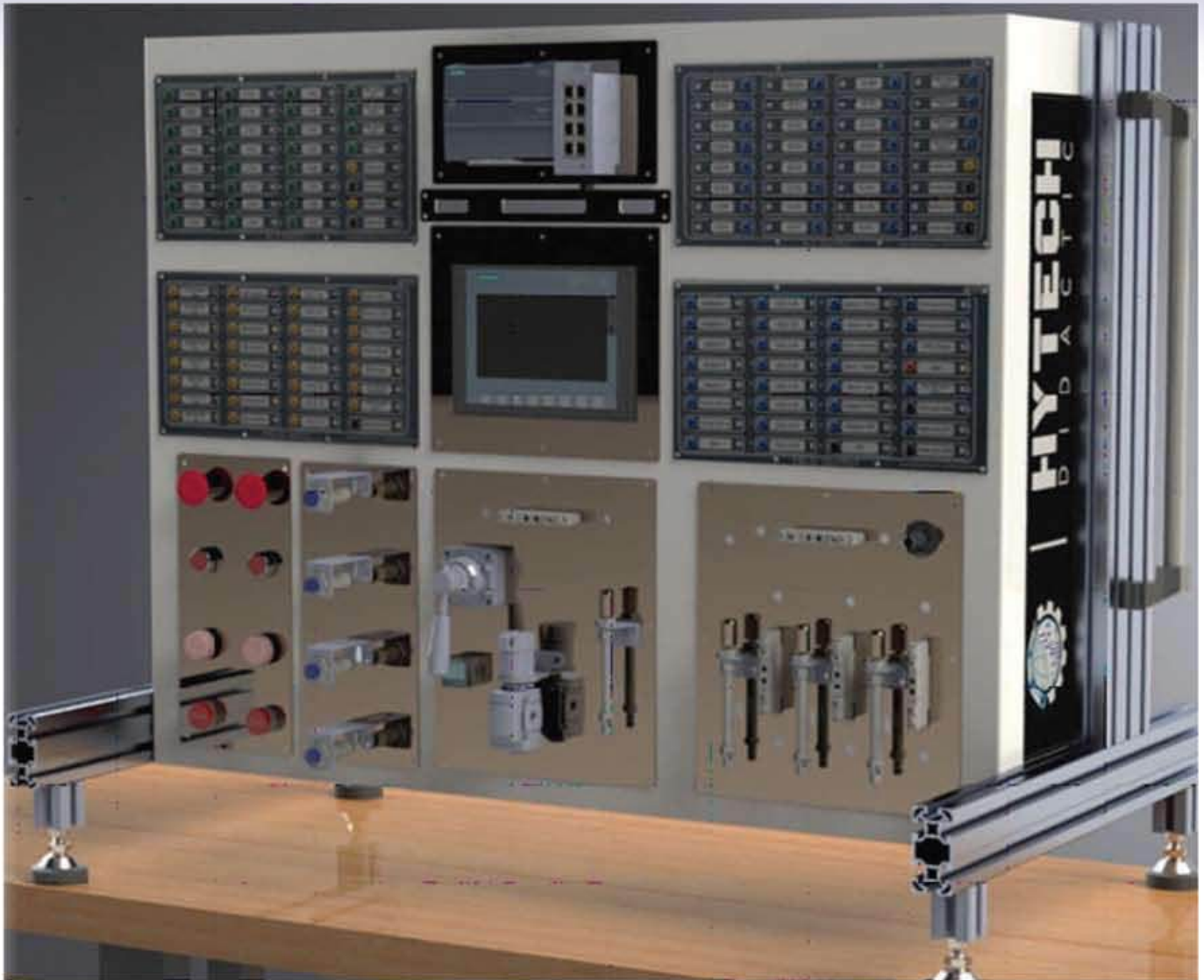


# PLC AND HMI TRAINING KIT - BASIC



Hytech Didactics' Basic PLC HMI Training kit is a table top training kit designed to provide hands on experience on basic PLCs such as Siemens S7 1200 or Mitsubishi FX5 PLC. Specially designed input and output modules are provided with necessary safety arrangements to avoid damage to PLC or HMI during operation by inexperienced users or students. Input and Output modules allow users to connect the relevant field component with specified PLC input or output with the help of patch chords. This makes the whole system flexible providing necessary ease of operation.

Basic PLC Training kit is made in a powder coated mild steel which is mounted on aluminium extrusions.



PLC and HMI Training Kit – Basic Model is a tabletop training kit with entry level PLCs such as Siemens S7 1200 or Mitsubishi FX 5 or Allen Bradley Micrologix. The basic training kit is provided with PLC – HMI, Input and Output modules as well as few fixed dynamic automation modules. All portable dynamic automation modules as well as static automation modules can be integrated with this Basic Training Kit.

**Total Dimensions of the Training Kit:**

Width: 1100mm

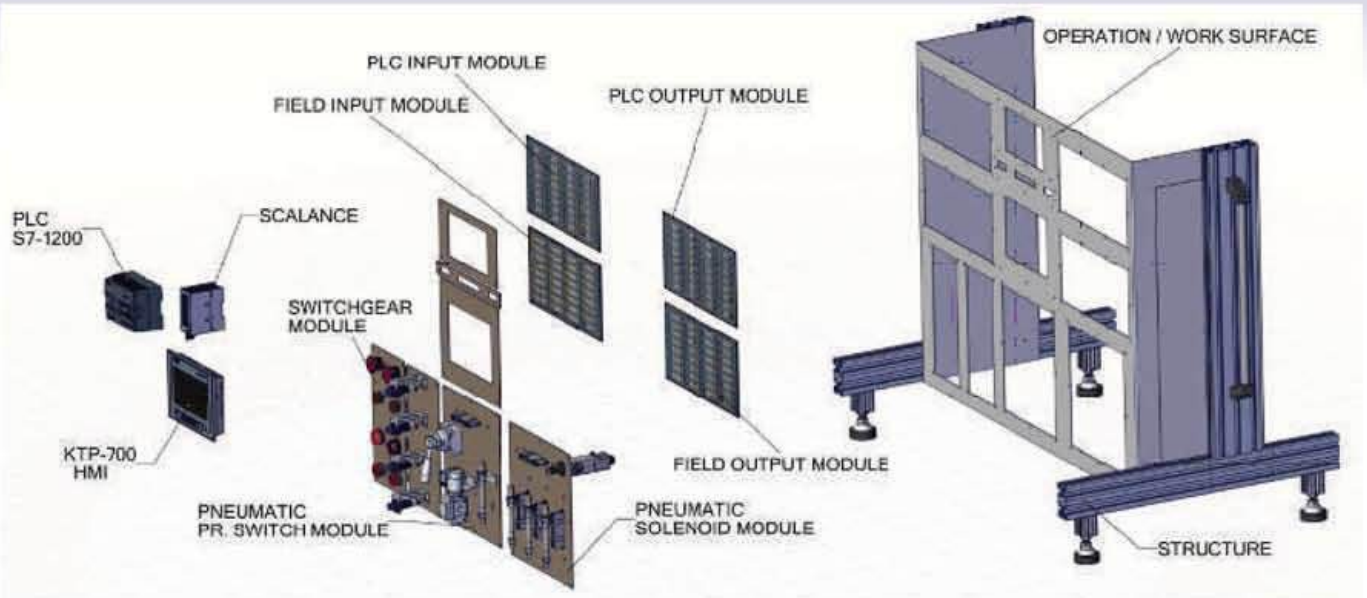
Depth: 700mm

Height: 910mm

Approximate Weight: 80 KG

**LIST OF PLC AND HMI RELATED MODULES:**

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1. PLC (Siemens S7 1200 / Mitsubishi FX / Allen Bradley MicroLogix)
  2. HMI – Basic 7 Inch (Siemens / Mitsubishi / Allen Bradley)
  3. 5 Port Unmanaged Switch (Siemens / Mitsubishi / Allen Bradley)
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## LIST OF DYNAMIC AUTOMATION MODULES THAT ARE FIXED ON THE TRAINING KIT:

1. Switchgear Module	3. Pneumatic Pressure Switch Module (Analog)
2. Digital Sensor Module	4. Pneumatic Solenoid Module

## PORTABLE AUTOMATION MODULES THAT CAN BE INTEGRATED:

1. Portable Automation Module: DC Motor and Encoder
2. Portable Automation Module: AC Motor Speed Control through VFD and PLC using HMI
3. Portable Automation Module: Temperature Control Module (Analog Control)
4. Portable Automation Module: Servo Motor Module
5. Portable Automation Module: Load Cell with Digital Display Module (Analog Control)
6. Portable Automation Module: Conveyor Control Module





## MAJOR COMPONENTS

PCL and HMI	Siemens S7 1200-KTP 700 Basic / Mitsubishi GX 5-GS 2107
PCL Accessories	SMPS
Automation Modules mounted on the Structure	Unmanaged Switch
	Digital Sensor Module
	Switchgear Module
	Pneumatic Solenoid Module
	Pneumatic Pressure Switch Module

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