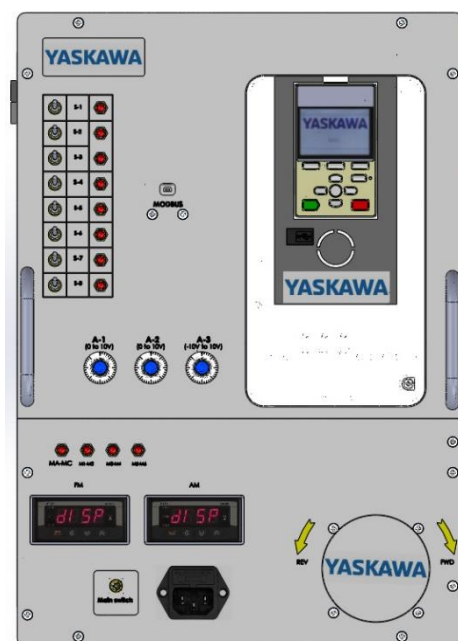
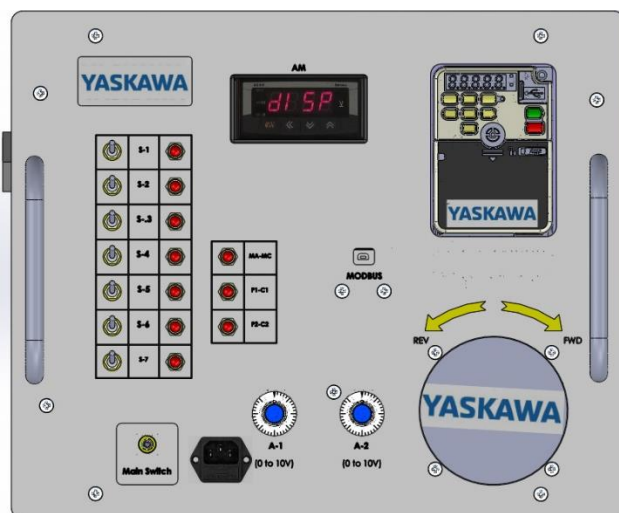


TECHNICAL NOTE : VFD TRAINING KIT

This is to certify that the “VFD Training Kit” is a Kit consisting of a Variable Frequency Drive and an Induction motor. This Kit is used for training purposes at Technical institutes, Engineering colleges, Authorized Business partners, Authorized Service Centres , Training Centres, Demo Centres, etc. to educate about the working principle of a Variable Frequency Drive .

The purpose of this kit is to simulate the control of a Variable Frequency Drive using Digital inputs and Digital outputs and the response is monitored by the digital output signal and analogue output signals.

The Kit is available in both GA500 model and GA700 type. The kit is easily portable and light weight with a durable hard external casing to prevent from transit damages.



Various Experiments and Simulations can be performed on the demo kits, some of which are listed below

- **PID Control Behaviour** : Observe behaviour of PID response by adjusting the feedback and setpoint with the provided potentiometers and drive wizard software to monitor the graph.
- **Mobile phone operation and tracing operation** : Connect the VFD to your Android or iOS phone with the Bluetooth keypad on GA700 or USB cable provided with the kits and control, monitor, program , record graphs, save parameters in cloud ,etc. with ease.
- **Multi-Step Speed operation** : Configure the drive to operation in up to 17 different speeds based in the Digital input switch combination and observe the behaviour changes.
- **Custom program and parameter simulation** : Simulate site conditions with analogue signal and observe behaviour by adjusting the parameters and test special function blocks program using *DWEZ software**
- **Modbus Communication protocol testing** : Control and monitor the parameters of the drive with the Built-in modbus capabilities. Also test all functions using modbus without the need of any IO's
- **Recording trace of operation of Variable Frequency Drive, etc** : The VFD behaviour can be recorded on the trend monitoring feature available on the free Drive Wizard Software or Drive Wizard Mobile app and analyse the behaviour of VFD in various conditions by programming the same.



*DWEZ SOFTWARE IS NOT PROVIDED WITH THE KIT AND HAS TO BE PURCHASED SEPARATELY