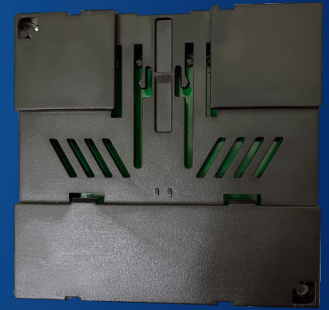
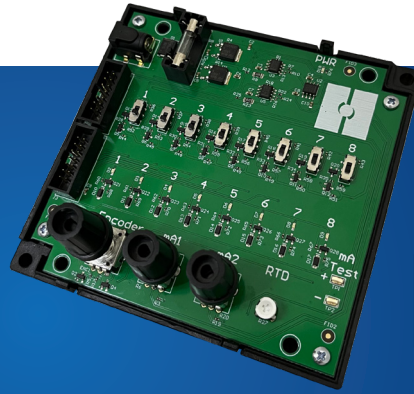


# I/O Simulator

## HE-TK001

The Universal I/O Simulator is designed to be used as Training Hardware for use with Horner Automation All-in-One Controllers



### Kit Includes:

- 8 digital input slide switches
- 8 digital output LEDs
- 2 rotary potentiometers for analog input testing
- 1 rotary encoder high speed input
- 1 RTD input port
- Test point loop connections for digital panel meter to test analog outputs
- 2 connection ports and associated cables for I/O connections to the OCS
- Wiring diagrams for X Series, XL models and generic
- Power Supply

### Practical Applications

Instead of building complicated simulators that are used during training classes and then returned to Horner - these trainers are designed for the customer to utilize for application development & training needs . Also perfect for System Integrators, OEMS, and prototyping machines.

#### We envision three main use cases:

- Hardware available for general sale on our web site for any general automation use looking for an I/O simulator
- Hardware included as part of the Tuition expense when signing up for Horner factory training
- Hardware available as part of a university kit sold to colleges - to be sold to control engineering students (talk to your Horner Sales Rep about our Academic Program)

The Universal I/O Simulator is compatible with all Horner Automation controllers. It will be sold in kit form - minimizing labor cost.

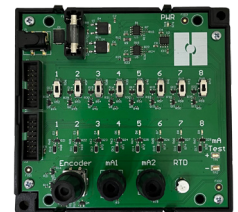
### I/O Simulator General Specifications

GENERAL	
Primary Voltage	24VDC +/- 10%
Current Capacity	1A 24Vdc Desktop Supply (External) Meanwell GST25A24 or equivalent
Relative Humidity (non-condensing)	5-95%
Operating Temp	0° - 50°C
Storage Temp	-20° - 70°C
Weight	TBD
Mounting	Rubber Foot Pads
Panel Seal	IP20
Packaging	100% Recyclable
I/O Connectors	12 Input / 10 Output

### Universal I/O Simulator Kit Includes:

HE-TK001 - Simulator

Unit



Cables



Power Supply

