

# SLO-SYN<sup>®</sup> 2000

## Motion Controls

### Programmable Operator Interface Panels

#### **IWS 30SE, IWS 120SE, and IWS 127SE**

The IWS 30SE, IWS 120SE, and IWS 127SE Operator Interface Panels offer ideal solutions for versatile interfacing between the operator and a machine control system. All models are programmable using a BASIC type programming language and a user friendly utility program which runs on IBM compatible Personal Computers. Each Operator Interface has a sealed membrane keyboard, alpha-numeric display, Flash EPROM (IWS 30SE) or battery-backed RAM (IWS 127SE) program memory. The IWS 30SE has one serial port for communications with the motion system; while the IWS 127SE has three serial printer ports, one parallel printer port and an I/O bus connection port. The I/O bus can control up to 128 OPTO 22 style discrete I/O points via a daisy chain of sixteen 8-position OPTO 22 style module racks. These I/O points can be used to monitor/control machine interfaces such as material count, production quantities and other machine related I/O points.



**IWS 120SE, IWS 127SE**



**IWS 30SE**

In addition the IWS 120SE is now available. This operator Interface panel operates as a "dumb" terminal which can easily be interfaced to control systems. The MX2000 programmable multi-axis motion control is provided with software which will facilitate interfacing to this panel.

- Programmable using Windows based interface and BASIC-like coding
- 2-line x 20 characters/line LCD display on IWS 30SE
- 4-line x 20 characters/line VFD display on IWS 127SE
- Sealed membrane keyboard with steel domes
- RS232/422/485 Serial Ports (1 on IWS 30SE, 3 on IWS 127SE)
- Program security
- Auto Starting programs
- Flash EPROM on IWS 30SE
- Battery-backed RAM and Clock (up to 6 years using lithium battery cell) on IWS 127SE