

# Automation machinery

**PLC controls + Front panels + System integration + Programming**

## Repair

Axtel, Inc. has served the industry since 1984; we repair and maintain many American and imported Automation Machines, especially those built for the production of custom goods. Our repairs include mechanical, electrical, electronic, and programming problems.

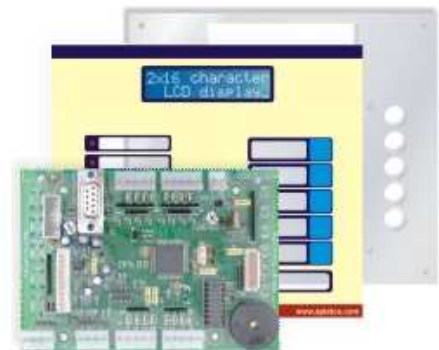


## Upgrades

When market changes require for production machinery to be upgraded, then we perform such work in our own machine shop. Our engineers have over 50 years of experience and an exemplary track record.

## PLC controls

Axtel, Inc. offers the most powerful PLC controller with integrated Front Panel. The Front Panel is either a Touch Screen or a Membrane with Switches, LEDs, and LCDs. Our PLCs control even the most complex machines or processes. Available options include Bluetooth, Internet Connectivity, and a large variety of I/O options. We provide full system integration services for these powerful little marvels and we offer them as turn-key packages.



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# Programmable Logic Controller

PLC controls + Front panels + System integration + Programming

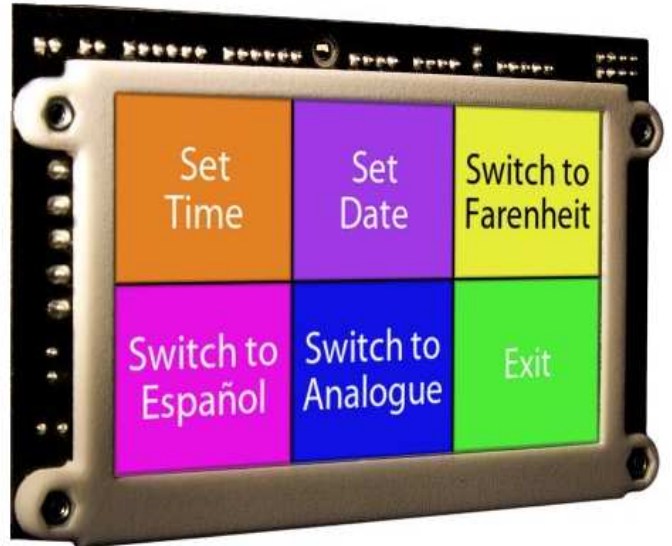
## PLC and Front Panel combo

This compact and most powerful Programmable Logic Controller (PLC) includes a built-in Front Panel, also known as Human Machine Interface (HMI); it is available in three configurations:

- Touch Screen
- Membrane Overlay
- Custom built

The surface of the Touch Screen is fully programmable; it enables users to control a machine in an ergonomic fashion with intuitive functions arranged in a very modern and Tablet Computer like appearance.

Our Membrane Overlay covers numerous Switches and LEDs arranged in pre-assigned positions where names and functions are printed onto the overlay. Optional 2/4x16 character LCDs are available to display user messages.



## Applications:

- Medical systems
- Industrial systems
- Food processing
- Bagging
- Packaging
- Bottling
- Vertical Form Fill Seal
- Wrapping
- Filling
- Vacuum forming
- Scales
- Counting
- Dispensing
- Process control



## PLC features:

Digital I/Os  
Analog inputs  
Analog outputs  
TTL serial ports  
RS485  
USB  
Real Time Clock

## PLC options:

Digital I/O MOSFET  
Digital I/O NPN/PNP  
Digital + Relays 5A  
Relays 20A  
Various custom I/Os  
Bluetooth  
Internet connectivity



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