

CNC OPERATION PANEL INNOVATION

Future Life Technology Company is a specialist in designing and manufacturing professional CNC Operation Panels.

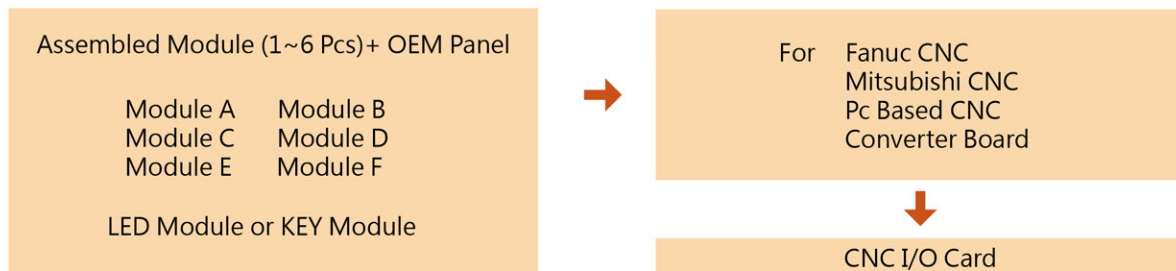
We specialize in designs for CNC machine makers who use Mitsubishi , Fanuc , Fagor or Siemens controllers.

The technology of machinery's integration is being involved with the application of the interdisciplinary technology.

We step ahead to lead the market and do our best to ensure the highest quality and satisfy various demands.



Design Framework



Pros of CNC Assembled Operation Panel

- **Modular design provides flexibility for customers to meet various requirements**
- **Laser legends for long term use**
- **Waterproof buttons extend operation panel lifetime**
- **Module design is easy for user to replace , maintain and service**
- **Back light design enhances the safety of operators**
- **Match up each CNC machine and retain buttons for backup reservation**
- **Buttons can be easily replaced by disassembling key frame**
- **SMD manufacturing process reduces assembly error rate**
- **Customized for special purpose machine**
- **Save working hours for mass production**



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Analysis & Comparison From Other Operation Panels

OP. Maker	Future Life Technology	Other A Maker (Membrane)	Other B Maker (CPU)	Other C Maker (Traditional Buttons)
Durability and Security	○	X	X	○
Modification	○	X	X	○
Assembling Flexibility	○	X	X	X
Maintenance Management	○	X	X	X
CE Compatibility	○	X	X	○
3-D & Smart Design	○	X	X	X
Expansion Ability	○	X	X	○
Backlight Design	○	X	X	X
System Stability	↑	↑	↓	↓
Engineering Charge Fee	↓	↑	↑	↓
Cost	↓	↓	↓	↑

Pros Of Modular Operation Panel

Material	Saving Cost (USD 35-100 / Per Unit)
Labor	Saving Cost (USD 75 / Per Day)
Maintenance	Module Design , Easy To Change And Maintain
Assembly	Reduce Assembly Error Rate / Decrease Inefficient Working Hours

Comparison Of Future Life's Operation Panel

Difference	OP. II	OP. III	OP. V
Backlight Visual Angle	Clear	Clear	Clear
Backlight Strength	Good	Good	Good
LED Light Color	White	White	White
LED Light Visual Angle	±90 Degree Clear	±90 Degree Clear	±90 Degree Clear
LED Light Cover	Option	Option	NO
Button Replacement	Change From Front	Change From Front	Change From Front
Assembly	Fixed Module	Back Module	Back Module
Button Dimensions	16 × 20mm	14 × 14mm	13 × 16mm
Panel Surface Process	Membrane	Membrane	Membrane