

HMI Control Panel

Provides a compatible and independent control panel. HMI with group design allows all panels to be connected to all Techmation controllers. Furthermore, each program and panel can be customized for different customer. The control panel are available as monochrome LCD, monochrome DSTN VGA, color DSTN VGA, monochrome CRT, and color LCD screen display.



☐ Q7M Panel (HMI) size(mm) : 470(L) x 260(W)

Central Processor :Intel® XScale PXA255 32bit @ 400MHz(ARM core)

LCD Type	7" Color TFT
Baud Rate	38400 bps · 9Pin panel & controller cable connector
Operation Temperature	-10 ~ 50°C
Storage Temperature / RH	-20 ~ 85°C / 85%
Network	1 Port
Memory Card	SD Card

☐ Q8 270 Panel (HMI) size(mm) : 470(L) x 260(W)

Central Processor :Intel® XScale PXA270 32bit @ 520MHz (ARM core)

LCD Type	8" Color TFT
Baud Rate	38400 bps · 9Pin panel & controller cable connector
Operation Temperature	-10 ~ 50°C
Storage Temperature / RH	-20 ~ 85°C / 85%
Network	2 Port
Universal Serial Bus (USB)	1 Port



☐ M8A-270 Panel (HMI) size(mm) : 480(L) x 260(W)

Central Processor :Intel® XScale PXA270 32bit @ 520MHz (ARM core)

LCD Type	8.4" Color TFT
Baud Rate	38400 bps · 9Pin panel & controller cable connector
Operation Temperature	-10 ~ 50°C
Storage Temperature / RH	-20 ~ 85°C / 85%
Network	2 Port
Universal Serial Bus (USB)	1 Port



M10A-270 size(mm) : 600(L) x 335(W)

Central Processor :Intel® XScale PXA270 32bit @ 520MHz (ARM core)

LCD Type	10.4" Color TFT
Baud Rate	38400 bps · 9Pin panel & controller cable connector
Operation Temperature	-10 ~ 50°C
Storage Temperature / RH	-20 ~ 85°C / 85%
Network	2 Port
Universal Serial Bus (USB)	1 Port



M12A Panel (HMI) size(mm) : 600(L) x 335(W)

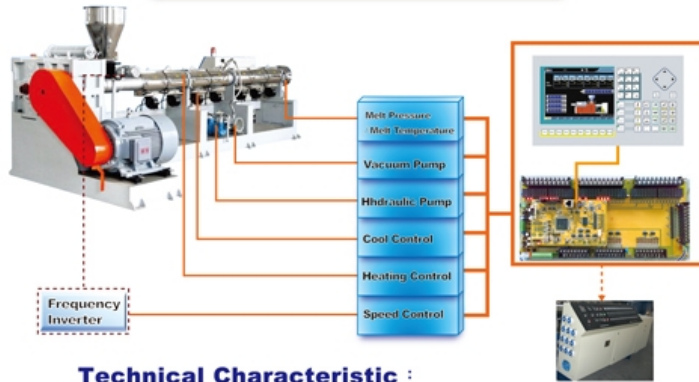
Central Processor :Intel® XScale PXA270 32bit @ 520MHz (ARM core)

LCD Type	12.1" Color TFT
Baud Rate	38400 bps · 9Pin panel & controller cable connector
Operation Temperature	-10 ~ 50°C
Storage Temperature / RH	-20 ~ 85°C / 85%
Network	2 Port
Universal Serial Bus (USB)	1 Port

More The New Area Of Customization

Shoes Injection Molding Machine 、Hydraulic Compression Molding Machine and Rubber Injection Machine 、etc...

Extruder Control System



Technical Characteristic :

- ◆ Temperature monitoring, Accurate PID control;
- ◆ Synchronous closed-loop control;
- ◆ Melt pressure control;
- ◆ More communication interfaces;
- ◆ Easy to operate
- ◆ Alarm information display;
- ◆ Cost effective.

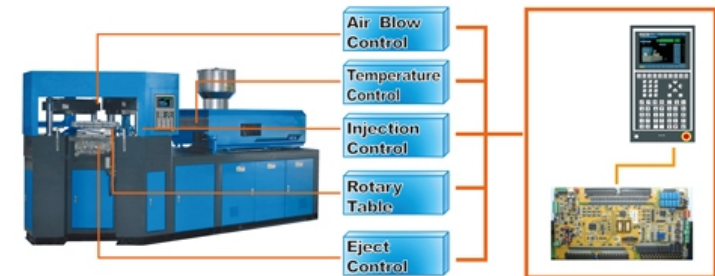
Blow Molding System



Technical Characteristic :

- ◆ Intelligent temperature adoption PID control, error $\leq \pm 1^\circ\text{C}$;
- ◆ Position, Time and Precision control, minimum error of time 0.01s;
- ◆ Blanking time of racks automatic balance;
- ◆ Extensible;
- ◆ Easy to operate,
- ◆ Alarm information display;
- ◆ Cost effective

Injection Blow System



Technical Characteristic :

- ◆ Temperature module adopt PID control, and the precision is higher;
- ◆ High control precision, excellent product performance;
- ◆ Motion transition is smooth, quick, and accurate
- ◆ Extensible;
- ◆ Human-machine panel, easy to operate,
- ◆ Alarm information display;
- ◆ Cost effective

i-Net System Introduction

Injection Molding Machine Premier Network System

Increasing the production efficiency at least by **30%** .
Reducing the operation manpower at least **30%~40%**
Saving **40%** of try-shot material.

- Developed and customized for Techmation's injection molding machine controller.
- Complete management network solution for multiple injection molding machine factories.
- Management and production level on-site communication capabilities to provide real-time business worthy integration.
- Essential equipment and management technology to insure your business's future success.



System characteristics

1. Fast and stable TCP/IP communication protocol
Scatter system framework
2. High-efficiency management
Machine management
Molding and technology management
Production management
3. Rich contents
Parameter statistic for better quality management
Many forms to assist the production analyst
Completing many statistics data
4. Unlimited freedom
System interface and desired language setting
Saving, deleting mold data with unlimited space
Long distance internet monitoring
5. Safe and reliable
Operator access restriction audit log
i-Net system user authority management
Immediate message display to avoid operation mistakes
6. Real time synchronization
Group condition synchronization
Real-time central parameter monitories
Temperature monitoring with curve diagram display