



SMold Series

PLCs (Controllers)
for Plastic Molding Machinery

INJkon

PLCs (Controllers) for Plastic Injection Molding Machines

Acme II



- 10.2" Rich Color Graphical TFT
- Options Available For Vertical Graphics
- Options Available For Double Color Injection Molding M/Cs
- USB data storage facility
- 200 nos of Alpha Numeric Mold Memory
- Operator Fast Setting Page Facility
- Advance Adaptive PID Temperature Control

Rainbow V



- 5.7" Rich Color Graphical TFT
- Options Available For Vertical Graphics
- ABS Molded Housing
- USB data storage facility
- 200 nos of Alpha Numeric Mold Memory
- Hourly / Daily Production Data Storage for 1 Year
- Advance Adaptive PID Temperature Control

Combi IO Card



Modular IO Cards



Vibrant+



- Economical Model For Small Horizontal/Vertical M/Cs
- 3.6" Color TFT/ 39 Keys Keypad
- Modular Expandable 64 DO /64 DI / 2 AO /2AI
- Option Available for 1 Analog Output
- Motor On/Off On keypad

INJkon

PLCs (Controllers) for Plastic Injection Molding Machines

Vibrant



- Economical Model For Small Horizontal/Vertical M/Cs
- 3.6" Color TFT / 39 Keys Keypad
- In built 20 Digital Outputs & 12 Digital Inputs
- Option Available for 1 Analog Output
- Motor On/Off On keypad

Optima



- Economical Model For Small Horizontal/Vertical M/Cs
- 20 x 4 LCD Display / 31 Keys Keypad
- In built 20 Digital Outputs & 12 Digital Inputs
- Option Available for 1 Analog Output
- 25 nos of Mold Memory
- Motor On/Off On keypad

Nano



- 20 x 4 LCD Display / 21 Keys Keypad
- In built 8 Digital Inputs / 8 Digital Outputs
- Two PID Temperature control Zones
- Suitable for Plunger Type Injection Molding Machines
- Cutout Dimension (MMI) : 144mm (H) x 144mm (W)

Features

Operating Modes	Auto/Semi Auto/Hand/Die set/Purge/Dry Cycle
Unique Features	Purge - Auto/Manual, Auto Die set, Combined refilling, Nozzle Shut off, Machine Shutter, Carriage swivel, Main motor ON/OFF on keypad, Real time clock, Three Level password protection, Screw RPM indication, Automatic Gate Open/Close function, Ready Solutions for Stepper Motor valve & Incremental/Absolute Encoder, Close Loop control for Hydraulic Servo
Functions	Two stage Locking/Multi Core/Mold - Machine ejector/Airjet (Punch & Cavity) /Unscrew/Multistage injection/Refilling/Suckback
Selectable boost output	Mold/Injection/Refill/Ejector/Core/Carriage/Suckback/Mold height
Software calibration	Temperature/Analog Input/Analog Output
Safety : Machine	Cold Start prevention/Oil temperature/Screw RPM/Cycle time limit/Motor delta/Motor Over load...& more
Safety : Mold	Mold Safety/Min-Max mold height limits/Core/Ejector...& more
Safety : Operator	Guard safety/Emergency/Manual override...& more
Temperature	Eight PID Temperature control (Heat / Cool) Zones Two % Heat zones, Auto Heat ON, Programmable Hi Lo alarms
Transferable inputs / outputs	4 Nos Digital Inputs/Outputs each
Data logging & analysis	Hourly production / Energy consumption data for last 24 hours Daily production / Energy consumption data for last 30 days, Memory for last 100 interlocks / Shot monitor
Optional features	RS 232/RS 485 Serial OR USB Slave Interface, Euromap 62 Robot interface

BLOkon

PLCs (Controllers) for Plastic Blow Molding Machines

Maestro



- Suitable for Single Station / Double Station / Accumalator type Machines
- 5.7" Mono TFT / 62 Keys Keypad
- Modular Expandable Up to 64 Digital Inputs / 64 Digital Outputs / 8 Analogue Inputs / 8 Analogue Outputs
- Eight PID Temperature Control Zones with Hi/Lo Alarms & Sensor Break Detection
- 4 Step Timer Operated Parison Control / Deflash Top & Bottom
- Direct Page Call for Every Function
- 3 Level Password Protection
- 25 Nos. of Mold Memory
- Production Analysis : 30 Days Daily / 24 Hours Hourly Production Data
- Economical Model also Available
- Cutout Dimension (MMI) : 363mm(H) X 185mm(W) X 85mm(D)

PETkon

PLCs (Controllers) for Pet Stretch Blow Molding Machines

Optima



- Economical Model For Semi Automatic M/Cs
- 20 X 4 LCD Display / 55 Keys Keypad
- In built 14 Digital Outputs & 12 Digital Inputs
- Add on Firing Angle control card for Heating Control up to 6 zones
- Index, Blower & Main Motor On/Off On keypad

We Appreciate Both OEM and Retrofitting Inquiries

* Thanks to Continuous Innovations, Specifications & Features are Subject to Change

Authorised Dealer

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