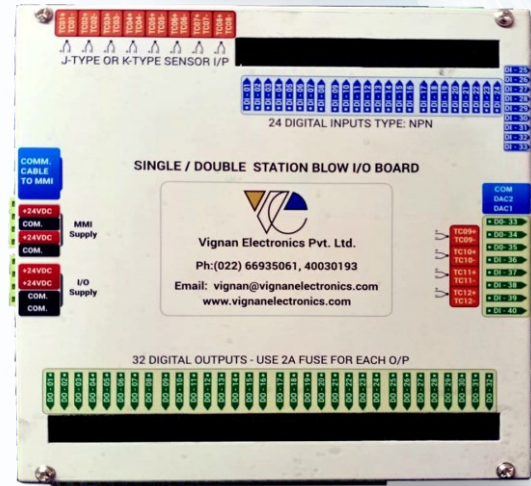
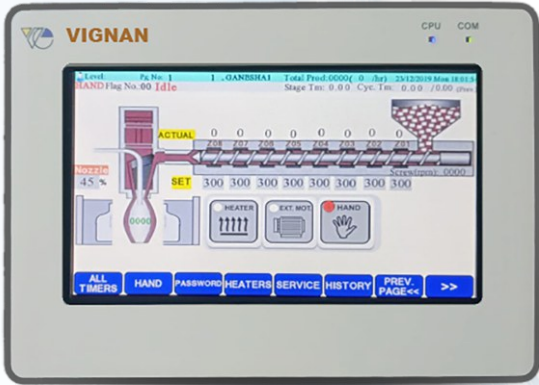


FLEXEM

For Injection Molding Machine



- 7.0" TFT with resistive touch screen for intuitive interface.
- **16.2 million-colors, 800*480 pixel resolution, 128 pixels/inch** clarity.
- **HAND mode touch buttons** with LED indication for safe, easy & conventional machine operation.
- Suitable for Single & Double Station Blow Molding Machine
- Quickest & reliable blow sequence execution control system in market.
- **Mold & Carriage position control** based on linear potentiometers or regular timers.
- In-built ready to use flow & pressure proportional control.
- **x32, x40** Outputs interface capability based on machine requirements.

MMI TECHNICAL SPECIFICATIONS

System Configuration	Highly integrated 2-piece system
Screen Resolution	800*480 Pixels
Screen Size	7.0"
MMI CPU Core	32-bit Arm-cortex M3 Embedded Processor
Machine Scan Time	400 Times/sec 62.5msec
MMI Scan Time	1000 TIMES/SEC Gimsec
No. of Mould Programs	120
Communication Ports	IXJSB[2.0]
I/O Board Interface	Full Duplex Rs485, With Remote Interface Upto 5M
History Database Memory	Unlimited
Ergonomics	ABS Blend Enclosure

MMI TECHNICAL SPECIFICATIONS

I/O Board Core Cpu	Arm-cortex M3 Embedded Processor	POWER CONSUMPTION	4.3W MAX.CSTANDBY)
No. Of Digital Inputs	Upto 32 (type Npn-no, Max.source Current 5ma)	DIMENSIONS(L * W * D)	(206 * 185 * 40) MM
No. Of Digital Outputs	Upto 40(each Of Max. 2a Current Output With Short Circuit Protection)	WEIGHT	1300 GMS
No. Of Heater Outputs	Upto 12	MAX. OPERATING TEMPERATURE	60 °C
Digital Outputs Feature	On Machine-programmable (switching, Delays 8 Transfer)	PWM O/P VOLTAGE RANGE	0 To +10 Volts With 16-bit Resolution
No. Of Analog Inputs	Upto 2 Linear Pot.		
Analog Input Resolution	12-bit		
No. Of Temperature Channels	12 (type: K-type/j-type Thermocouple)		
Temperature Control Accuracy	+1 To -2 Oc Of Set Value		
Type Of Temp. Control	Advanced Adaptive Pid Control (self-tuning)		
No. Of PWM Outputs	2 Nos. Digitally User Calibrated		
Ergonomics	Single Board Form With Led Indication For Maintenance Ease 8 Sheet Metal Mounting		

