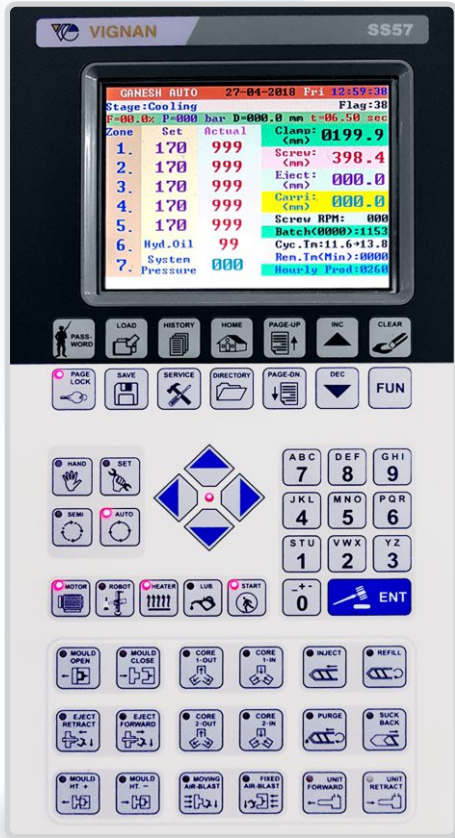


SV57

For Injection Molding Machine



- HMI with 5.7" TFT 16 million colors, 640*480 resolution, 142 pixels/inch clarity.
- USB port for remote reprogramming, data transfer, machine calibration etc.
- Dual-processor hardware system based on ARM® & PIC® technology.
- Seamless integration with all servo drives, variable volume pumps & proportional.
- Programmable on-field digital & proportional outputs for each machine execution stage.
- SD card storage facility for last 10-year machine shots data, set data changes & errors.

TECHNICAL SPECIFICATIONS

System Configuration	Highly Integrated 4-piece system
MMI CPU	32-Bit ARM-7 Embedded Processor @72MHz
LCD Backlit	LED Type with Digitally adjustable Contrast
No. of Keys	55-with LED indication for direct fn. call keys
Machine Scan Time	2500 microsec (400 times/sec)
MMI Scan Time	1000 microsec (1000times/sec)
No. of Mould Programs	120
History Database Memory	2GB, data retention for machine lifetime
Communication Channels	USB(front) @48MHz & RS232 @9600baud
I/O Board CPU	16-Bit Microchip DSP Processor @40MHz
No. of Digital Inputs	32 (Type NPN-NO, Max.Source Current 5ma)
No. of Digital Outputs	40 (Max. current output of 2A for each o/p)
Digital Outputs Feature	Onsite programmable (Delays & Switching)
No. of Analog Inputs	5 (4 Linear Pot.+1 Pressure Transducer)
No. of Temp. Sensors	8 (Type: RTD Pt-100 Isolated) and J-type Thermocouple
Analog Input Resolution	12-bit
Temp. Control Accuracy	+1 to -2 °C of set value
Type of Temp. Control	Advanced Adaptive PID control
No. of PWM Outputs	4 Nos. digitally user calibrated
PWM O/P Voltage Range	-10 to +10volts with 16-bit resolution
Power consumption	6.25W max.(standby)
Max. Operating Temperature	60 °C

