HYDRAULIC SEQUENTIAL VALVE GATE CONTROLLER

The SVG controller provides the user with full control over valve gate flow sequence, critical when molding complex or large parts. All SVG controllers feature the APS (Adaptive Process System) technology providing faster processing and response speed.

BENEFITS

- The sequential valve gate technology is integrated in a precise hot runner control unit with all available features or stand alone unit
- SVGH1200 & 1600 systems - built-in water cooling circuit for the hydraulic power pack
- Designed to easily connect to any valve gate system
- Precise filling control with performance graphs displaying time and position, with up to 4 steps per cycle
- (2) digital and analog triggers for 2-shot applications

3L-1200 PSI / 3L-1600 PSI Power pack

CONFIGURATION

- Pin position feedback for gate open /close confirmation
- Automatic and manual mode for individual gate control
- Absolute and incremental timer selections
- Single or dual acting solenoid valves for gate activation, valve banks relocatable
- Calibrate analog signals for position, pressure and volumetric settings
- Configure up to 4 cards to control as many as 48 single acting valve gates
- Reconfigure pin position feedback inputs for 12 additional sequences
- 500 or 1000 Watt 24VDC power supply - Standard 220V single phase (185-245V range) or Optional 480V three phase
- Available as standalone controller or semi-integrated into the TSP or TSP Plus temperature controller

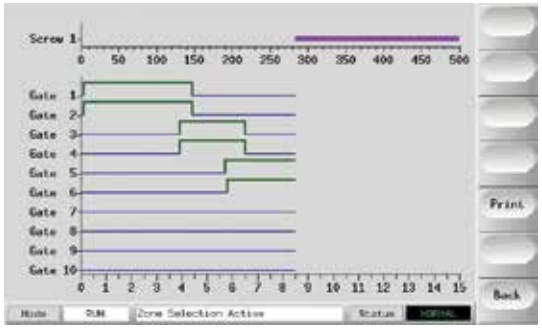
3L-600 PSI Power pack

ITEM NUMBER	DESCRIPTION	POWER PACK PSI	CONSISTS OF
SVGH122	2 ZONE HYDRAULIC	3L-1200 PSI	SVG12 HMI, POWER PACK, 1-2 SOLENOID VALVE BANK, STAND
SVGH124	4 ZONE HYDRAULIC		SVG12 HMI, POWER PACK, 1-4 SOLENOID VALVE BANK, STAND
SVGH126	6 ZONE HYDRAULIC		SVG12 HMI, POWER PACK, 1-6 SOLENOID VALVE BANK, STAND
SVGH128	8 ZONE HYDRAULIC		SVG12 HMI, POWER PACK,1-8 SOLENOID VALVE BANK, STAND
SVGH1212	12 ZONE HYDRAULIC		SVG12 HMI, POWER PACK, 2-6 SOLENOID VALVE BANKS, STAND
SVGH162	2 ZONE HYDRAULIC	3L-1600 PSI	SVG12 HMI, POWER PACK, 1-2 SOLENOID VALVE BANK, STAND
SVGH164	4 ZONE HYDRAULIC		SVG12 HMI, POWER PACK, 1-4 SOLENOID VALVE BANK, STAND
SVGH166	6 ZONE HYDRAULIC		SVG12 HMI, POWER PACK, 1-6 SOLENOID VALVE BANK, STAND
SVGH168	8 ZONE HYDRAULIC		SVG12 HMI, POWER PACK,1-8 SOLENOID VALVE BANK, STAND
SVGH1612	12 ZONE HYDRAULIC		SVG12 HMI, POWER PACK, 2-6 SOLENOID VALVE BANKS, STAND
SVGH1616	16 ZONE HYDRAULIC		SVG24 HMI, POWER PACK, 2-8 SOLENOID VALVE BANKS, STAND
SVGH1624	24 ZONE HYDRAULIC		SVG24 HMI, POWER PACK, 3-8 SOLENOID VALVE BANKS, STAND

If you do not see the number of controlled zones required in the table above please contact us.

KEY TECHNICAL FEATURES AT A GLANCE

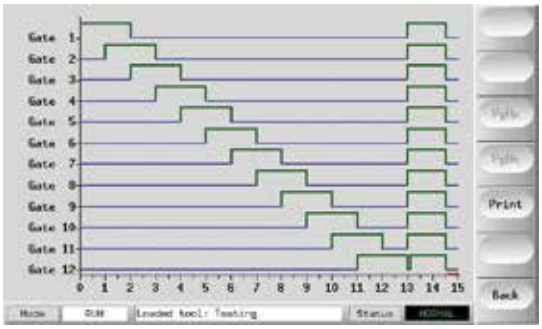
- (12) digital outputs – fused at 2 amps
- 14 digital inputs - pin position back/forward
- Integrated 24 VDC power supply to drive valve gate solenoids
- 7" color touch screen on standalone controller
- Controls single or dual coil solenoid valves
- Real time valve status graph
- Configurable Easy View status page
- SVG Power pack combines hot runner control, SVG, hydraulic power pack and solenoid valve bank all in one package

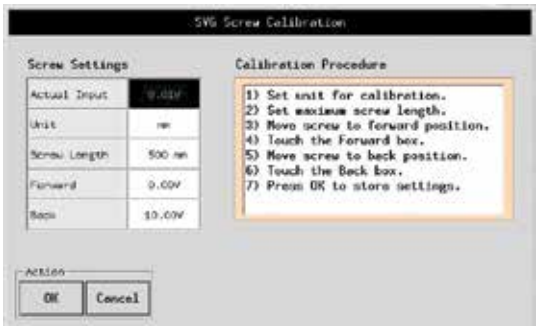


PROGRAMMABLE TRIGGERS & ALARMS

- Digital input – sequence start trigger, turn on and off valves sequentially
- Digital input triggers – programmable sequence triggers
- (2) Analog inputs 0-10 volts, 4-20ma
- Injection enable signal – from IMM
- Fault relay output (dry contact) – to IMM
- Dry contact or 24VDC input triggering

Controller includes 15ft (4.8m) cables





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