

**SOLID CONTROLS, INC.
CONTROL SYSTEM COMPARISON CHART**

19-Mar-01

	SMARTSET	TRAILBLAZER	SCOREMASTER
inputs/outputs supplied	32 x 32	configured per application	64 x 48
Maximum input/output capacity	64 x 48	64 X 64	80 x 60
I/O modularity	n/a	4-point inputs, 4-point outputs	16-point inputs, 12-point outputs
I/O types	24 VDC, 115 VAC	12 VDC, 24 VDC, 115 VAC	12 VDC, 24 VDC, 115 VAC
Timers	24	16	24
Counters	4	4	8
Temperature zones	4	8	8 std, up to 40 opt
Temperature tuning	auto	auto	manual
Linear positioning (analog inputs)	4 std	4 opt, includes 6 out	4 std (xx5, x20 models)
Proportional valve control (analog outputs)	4 std	6 opt, includes 4 in	4 std or 8 opt (x10, x20 models)
Pump controls	opt	opt	std
Screw RPM readout	n/a	opt	opt
Display type	4-line monochrome LCD	16-line monochrome LCD	24-line color LCD w/graphics
Display dimensions (w x h)	3" x 1"	"3.87" x 3.12"	6.75" x 5.18"
Diagnostics	off-line SSD opt	on-screen I/O status	on-screen I/O status, graphic I/O display
Manual function panel	std	opt	std
Manual function keys	16	20	22
Operator station enclosure	opt	opt	std
Closed Loop Process control	std (Wizard, Prodigy models)	opt	std (2xx models)
Closed Loop Process control profiles	5 inject, 5 pack/hold, 1 back	5 inject, 5 pack/hold, 1 back	10 inject, 10 pack/hold, 10 back
Closed Loop profile graphs	n/a	n/a	std (2xx models)
Closed Loop Cushion control	n/a	n/a	std (2xx models)
Closed Loop tuning	dial pot with LED assist	dial pot	on-screen entry
Cavity pressure transfer	opt	opt	opt
Internal mold setup storage (# of setups)	5	10	15
3 1/2" diskette mold setup storage	n/a	opt	opt
PC mold setup storage	n/a	std	std
data communications port	n/a	n/a	std
SPC	n/a	n/a	std
Production Monitoring	n/a	n/a	std
Dual Language selectability	n/a	opt	std
Molding Help Screen	n/a	n/a	std
printer port	n/a	n/a	std
key access	n/a	n/a	std
security access levels	n/a	n/a	std
Programming Method	Windows-PC ladder logic	assembler based program	assembler based program
Factory Programming	std, at hourly rates	std, flat fee	std, flat fee
Programming Tools	std	opt	opt
Factory Installation	std, at hourly rates plus exp	std, flat fee	std, flat fee
Turnkey quotation at fixed price	n/a	std	std
Hardware Price Range	\$3,000 to \$5,000	\$6,000 to \$9,000	\$11,000 to \$16,000
Price range, installed, programmed	\$11,000 to \$25,000	\$17,000 to \$34,000	\$22,000 to \$42,000