

# STEC MASS FLOW CONTROLLERS E Series



Model. SEC-	E40	E50	E60	E70	E80
Gas wetted material	SUS-316L, Viton, PTFE		SUS-316L, Viton		
Valve Type	Solenoid Valve				
Flow Range	10/20/30/50sccm 100/200/300/500sccm 1/2/3/5slm	20/30slm	50/100slm	200slm	300/500slm
Flow control range	2~100% FS		5~100% FS		
Response time	< 1 second				< 2 seconds
Accuracy	± 1%				± 2%
Linearity	± 0.5%				± 1%
Repeatability	± 0.2%				± 1%
Operating Pressure	50-300kPa	100-300kPa			200-350kPa
Pressure Resistance	1000kPa				
Leak Rate	<1*1-8Pa*m3/s(He)		<1*1-7Pa*m3/s(He)		450kPa(G) pressurization 10 min. pressure reduction within 1%
Operating Temperature	5-50°C (Guaranteed 15-35°C)		5-45°C (Guaranteed 15-35°C)		
Flow Set Signal	DC 0.1-5V (>1Mohm input impedance)		DC 0.25-5V (>1Mohm input impedance)		
Flow Output Signal	DC 0-5V (minimum load resistance 2k ohm)				
Power	DC +15V ±5% 50mA, DC -15V ±5% 150mA,				
Fittings	1/4" VCR, 1/4" Swagelok		3/8" Swagelok style		1/2" Swagelok style