

Specification	SD-Basic	SD-06A	SD-06AG	SS-07A	SS-07AG
Suitability	Aqueous only	Aqueous only	Aqueous & Solvent	Aqueous	Aqueous & Solvent
Type	2 Channel spray type nozzle	2 Channel spray type nozzle	2 Channel spray type nozzle	2 Channel spray type nozzle	2 Channel spray type nozzle
Drying capacity	Maximum approximately 1000ml/h	Maximum approximately 1000 -1500ml/h	Maximum approximately 1000-1500ml/h	Maximum approximately 1500-2000ml/h	Maximum approximately 1500-2000ml/h
Temperature range accuracy	40°C ~ 200°C(Temperature at inlet) ±1%	50°C ~ 250°C(Temperature at inlet) ±1%	50°C ~ 250°C(Temperature at inlet) ±1%	50°C ~ 250°C(Temperature at inlet) ±1%	50°C ~ 250°C(Temperature at inlet) ±1%
Dried air volume range	0.2 ~ 0.65m³/min	10 ~ 30m³/hr	10 ~ 30m³/hr	15 ~ 50m³/hr	15 ~ 50m³/hr
Spray air pressure range	0.2 -2 Bar	0.2 - 2.8 Bar	0.2 - 2.8 Bar	0.2 - 2.8 Bar	0.2 - 2.8 Bar
Feed pump volume range	60 ~ 2000ml/h	60 ~ 2000ml/h	60 ~ 2000ml/h	60 ~ 2000ml/h	60 ~ 2000ml/h
Inlet temperature setting	Digital	Touch screen controlled	Touch screen controlled	Touch screen controlled	Touch screen controlled
Outlet temperature display	Digital	Digital	Digital	Digital	Digital
Dried air flow rate setting	N/A	Touch screen controlled	Touch screen controlled	Touch screen controlled	Touch screen controlled
Feed pump flow rate setting	Variable resistance potentiometer	Touch screen controlled	Touch screen controlled	Touch screen controlled	Touch screen controlled
Sprayed air pressure range	N/A	2m³/hr @ 2 bar - 1.7m³ @ 4 bar	2m³/hr @ 2 bar - 1.7m³ @ 4 bar	2m³/hr @ 2 bar - 1.7m³ @ 4 bar	2m³/hr @ 2 bar - 1.7m³ @ 4 bar
Sprayed air line cleaning device	Manual	Automatic interval timer	Automatic interval timer	Automatic interval timer	Automatic interval timer
Additional function	Prayed air line valve on/off switch	Pump on/off	Pump on/off	Pump on/off	Pump on/off
Recorder output terminal	N/A	RS232 connection	RS232 connection	RS232 connection	RS232 connection
Heater	3kW	3kW	3kW	4kW	4kW
Feed pump	Variable speed peristaltic pump	Variable speed peristaltic pump	Variable speed peristaltic pump	Variable speed peristaltic pump	Variable speed peristaltic pump
Spray nozzle	0.5mm fitted as standard	0.5mm fitted as standard	0.5mm fitted as standard	0.5mm fitted as standard	0.5mm fitted as standard
Air pump for spray	Optional	Incorporated	Incorporated	Incorporated	Incorporated
Drying chamber	Borosilicate glass	Borosilicate glass	Borosilicate glass	Borosilicate glass	Borosilicate glass
Cyclone	Borosilicate glass	Borosilicate glass	Borosilicate glass	Borosilicate glass	Borosilicate glass
Sample collection bottle	Hard glass (500ml as standard)	Hard glass (500ml as standard)	Hard glass (500ml as standard)	Hard glass (1000ml as standard)	Hard glass (1000ml as standard)
blower	Fixed @ 70m³/hr	Touch screen controlled	Touch screen controlled	Touch screen controlled	Touch screen controlled
Maximum air pressure	70mbar	70mbar	70mbar	70mbar	70mbar
Exhaust diameter	O/D 50mm	O/D 50mm	O/D 50mm	O/D 50mm	O/D 50mm
De-blocking interval timer	Manual	Touch screen controlled @ 1,4 & 9 sec.	Touch screen controlled @ 1,4 & 9 sec.	Touch screen controlled @ 1,4 & 9 sec.	Touch screen controlled @ 1,4 & 9 sec.
Operational ambient temperature	5°C ~ 35°C	5°C ~ 35°C	5°C ~ 35°C	5°C ~ 35°C	5°C ~ 35°C
Noise (dB) @ 0.5m & 1m away	0.5m = 60.5 dB 1.0m = 58.7 dB	0.5m = 68.6 dB 1.0m = 66.8 dB	0.5m = 68.6 dB 1.0m = 66.8 dB	0.5m = 68.6 dB 1.0m = 66.8 dB	0.5m = 68.6 dB 1.0m = 66.8 dB
Overall dimensions	1200 x 500 x 500mm	1110 x 825 x 600mm	1110 x 825 x 600mm	1210 x 825 x 600mm	1210 x 825 x 600mm
Weight	60Kg	80kg	80kg	85kg	85kg
Power requirement	AC 220/240V 50/60Hz 13A	AC 220/240V 50/60Hz 13A	AC 220/240V 50/60Hz 13A	AC 220/240V 50/60Hz 23A	AC 220/240V 50/60Hz 23A