

Safety Cabinet

Class I



Model SCV-1303ECI

This device filters the exhaust gas by HEPA filter to maintain the work space with no-load and prevent leakage of biological material. It passed the bacteria test and the airtightness test on the basis of NSF Standard of the United States.

Specifications

Product Code		100000	100000	100000	100000
Model	SCV	803ECI	1303ECI	1603ECI	1903ECI
Dust Collecting Element		HEPA Filter			
Dust Collecting Efficiency		99.99% or more at 0.3 μ m, passed Scan Test			
Exhaust Gas Quantity (m ³ /min. or more)		4.9	7.8	9.6	11.7
Inflow Wind Velocity at Supply Opening		Average 0.5m/s or more			
Bacteria Test	Method	Make sampling by spraying the bacillus subtilis spore on the basis of NSF Standard.			
	Personal Protection Test	No. of colonies from the AGI sampler synthesis floating liquid: 20 or less No. of colonies from the slit sampler: 5 or less			
Airtightness of Main Body		When the freon gas is applied into the main body, the leakage from parts of the body under pressure of 498Pa (50.5mmAq) is 8.9 \times 10 ⁻⁵ ml/s or less			
Intensity of Ultra Violet Rays		Whole Work Bench: 40 μ W/cm ³ or more			
Power Source		100VAC Single Phase 50Hz/60Hz (15A \times 2)			
Material of Work Bench		Relative to Surface finish No.4 of JIS			
Dimension of Main Body: Width (mm)		1,000	1,500	1,800	2,150
D \times H		800 \times 2,030mm			
Weight of Main Body (kg)		260	320	370	400