

## Desktop bio-safety cabinet

### Model: BSC-700IIA2-EP

#### Features

1. Air curtain isolation design to prevent internal and external cross contamination, 30% of the airflow is discharged to 70% of the internal circulation, negative pressure vertical laminar flow, no need to install pipes
2. The glass door can be moved up and down, which can be positioned arbitrarily, easy to operate, and can be completely closed for sterilization, and the positioning height limit alarm prompts.
3. The power output socket in the work area is equipped with a waterproof socket and a sewage interface to provide great convenience for the operator
4. There is a special filter at the exhaust to control emission pollution.
5. The working environment is made of high-quality 304 stainless steel, which is smooth, seamless, and has no dead ends, which can be easily and thoroughly disinfected, and can prevent the erosion of corrosive agents and disinfectants.
6. Controlled by LED LCD panel, built-in UV light protection device, can only be opened when the safety door is closed
7. With DOP detection port, built-in differential pressure gauge.
8. The operation surface of the equipment is face-to-face, compact and easy to operate.



#### Parameters

参数 Spec.	型号 Model	BSC-700IIA2-EP
洁净度 Cleanliness		100级@ $\geq 0.5\mu\text{M}$ (美联邦209E) Class 100@ $\geq 0.5\mu\text{M}$ (US Federal 209E)
菌落数 Number of colonies		$\leq 0.5$ 个/皿·时 ( $\Phi 90\text{mm}$ 培养皿) $\leq 0.5/\text{dish hour}$ ( $\Phi 90\text{mm}$ culture dish)
风速 Wind speed		平均吸入风速: $\geq 0.55 \pm 0.025\text{m/s}$ Average suction wind speed: $\geq 0.55 \pm 0.025\text{m/s}$ 平均下降风速: $\geq 0.3 \pm 0.025\text{m/s}$ Average descending wind speed: $\geq 0.3 \pm 0.025\text{m/s}$
高效过滤器效率 Filtration Level / Filtration Efficiency		H14, 过滤效率: $\geq 99.995\%$ , @ $0.3\mu\text{m}$ HEPA of borosilicate glass fiber material: $\geq 99.995\%$ , @ $0.3\mu\text{m}$
噪音 noise		<65dB(A)
电源 Power		AC单相220V/50Hz
工作区尺寸 work area size W1xD1xH1		600x500x520
外型尺寸 external size WxDxH		760x650x1230
高效过滤器规格及数量 HEPA filter size & qty		进风高效 560x440x50x , 排风高效 380 x 380 x 50 x
荧光灯/紫外灯规格及数量 LED/UV lamp specifications & qty		8Wx /20Wx