YORCO
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COVID-19
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YSI

TESTING LAB SOLUTIONS

MODEL NO.: YSI-190A

YSI BIO-SAFETY CABINET TYPE-B-2

ADVANTAGE

1. Time reserve function.
2. Motorized front window.
3. HEPA filter life and UV life indicator.
4. Automatic air speed adjustable with filter block.
5. With memory function in case of power-failure.
6. Work area surrounded by negative pressure, it can ensure maximum safety in work area.
7. Most accessories are standard. which saves your money. There is no need to pay more.
8. Audio and visual alarm (filter replacement, window over height. abnormal air flow velocity, etc).
9. **Remote control :** All functions can be realized with it, making the operation much easier and more convenient.
10. **Interlock function:** UV lamp and front window: UV lamp and blower, fluorescent lamp: blower and front window.
11. **Foot switch.** Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

LCD Display

Large digital display is easy to monitor all the safety parameters at glance and ergonomically sized control panel improves user interface.

Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.

Remote Control
All functions can be realized with it, making the operation much easier and more convenient.

UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

Front Window
Two-layer laminated toughened glass>5mm, anti UV

Footmaster Caster
Universal caster with brake and leveling feet

Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

Waterproof Socket
2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.

Exhaust Blower
Centrifugal fan, speed adjustable.

Model	YSI-190A	YSI-190A-I	YSI-190A-II	YSI-190A-III
Internal Size (W*D*H)	940*600*660 mm	1150*600*660 mm	1350*600*660mm	1670*600*660 mm
External Size(W*D*H)	1100*750*2250mm	1300*750*2250mm	1500*760*2250mm	820*750*2250mm
Tested Opening	Safety Height = 200 mm8''			
Max Opening	420mm(17'')	420mm(17'')	500mm(20'')	480mm(20'')
Inflow Velocity	0.53±0.025 m/s			
Down flow Velocity	0.33±0.025 m/s			
Pre Filter	Washable			
HEPA Filter	Two, 99.999% efficient at 0.3 um. Filter life indicator.			
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. An .			
Noise	NSF49 ≤ 61 dB / EN1246949 ≤ 58 dB			
UV Lamp	30W*1	30W* 1	40W* 1	40W*2
	UV , UV life indicator, emission of 253.7 nanometers for most efficient decontamina			
Illumina	LED Lamp 12W*2	LED Lamp 14W*2	LED Lamp 16W*2	Fluorescent Lamp 40W*2
Illumina	≥1000Lux			
Consump	700W	850W	900W	1200W
Waterproof Sockets	Two, total load of two sockets: 500W			
Display	LCD display: exhaust filter and down flow filter pressure, filter and UV lamp working inflow and down flow velocity, filter life, humidity and temperature, system working tc.			
Control System	Microprocessor			
Airflow System	0% air recircula xhaust			
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.			
Exhaust Duct	4 meters PVC duct, Diameter:300mm			
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with an eria powder coa			
Work Surface Height	750mm			
Caster	Foot master caster			
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC-1800IIB2-X)			
Standard Accessory	Illumina tand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets*2, pipe strap*2			
Op	Water and gas tap, Electric height adjustable base stand			
Gross Weight	246kg	276kg	302kg	408kg
Package Main Body	1230* 990* 1810 mm	1460*1050*1800 mm	1650*990*1810 mm	1950*990*1950 mm
Exhaust Blower(W*D*H)	970* 810* 630 mm	970* 810* 630 mm	970* 810* 630 mm	920* 710* 680 mm