



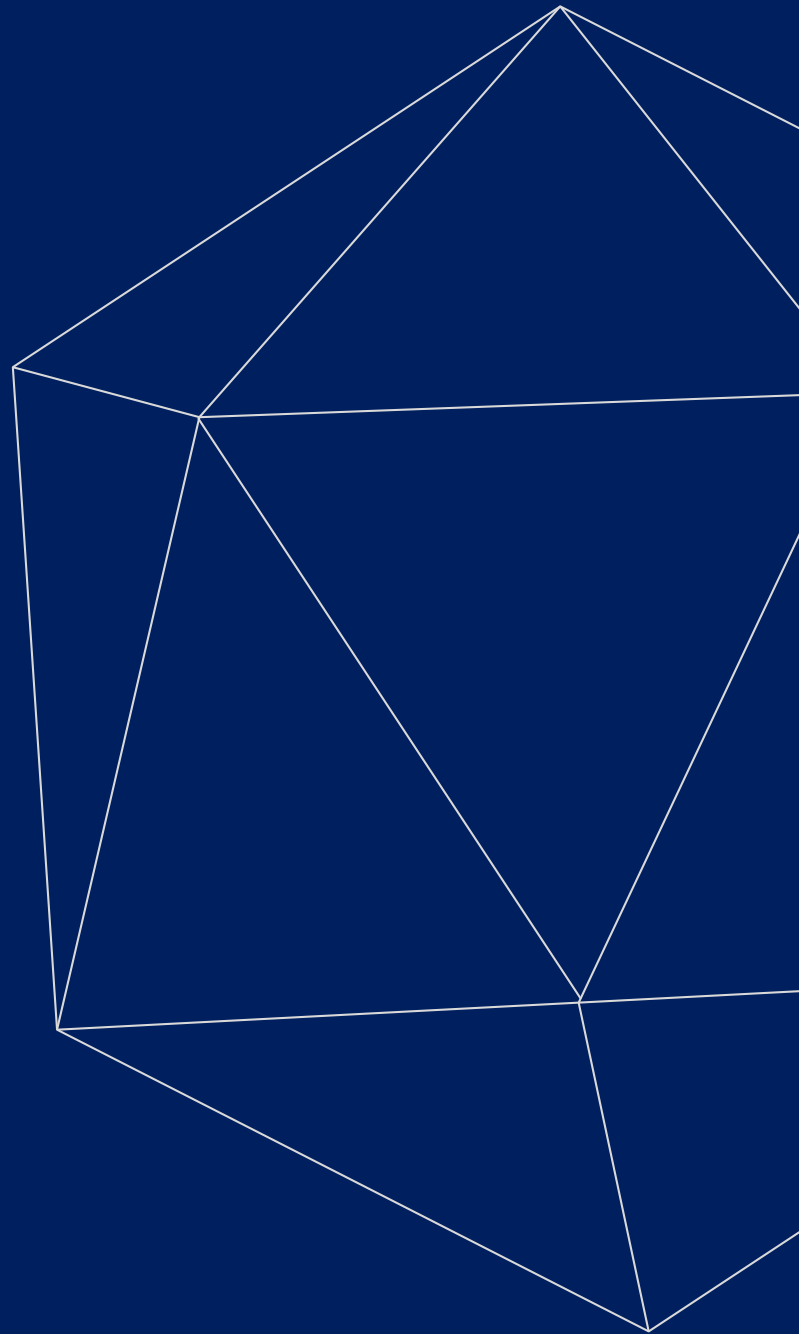
# LABORATORY SECTOR

## BIOSECURITY CABINETS



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A different accompaniment, at your service





# Kalstein®

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**KALSTEIN® Biosecurity Cabinets**  
**Biological Safety Cabinet Class II A2**  
**Model YR0090B (SS) // YR0090E (SS)**



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## KALSTEIN® Biosecurity Cabinets Biological Safety Cabinet Class II A2 Model YR0090B (SS) // YR0090E (SS)



### Product Description:

Get to know more about Kalstein's new Full Stainless Steel Biosafety Cabinet, with front window operation port. The operator can operate in the safety cabinet through the front window operation port to protect personnel, products and environment during operation..

### Working Environment:

- ✓ Only applicable to indoor.
- ✓ Ambient temperature: 15 35 °C.
- ✓ Relative humidity: < 75%.
- ✓ Atmospheric pressure range: 70kPa 106kPa.
- ✓ Power supply: 220V 50Hz.

### Essential Parameters:

- ✓ Type A2, 30% efflux, 70% internal recycle.
- ✓ Height from table top to ground: 850mm (size can be customized and modified according to requirements)
- ✓ Biosafety.
- ✓ Personnel safety: tested by potassium iodide (KI) method, the protection factor of the front window operating opening should not be less than IX 105.
- ✓ Product safety: bacterial count < 5 CFU/time.
- ✓ Safety of cross contamination: bacterial count < 2CFU/time.

### Technical Specifications:

| Parameter / Model          | YR0090B(SS)  | YR0090C(SS)     | YR0090D(SS)     | YR0090E(SS)     |
|----------------------------|--|-----------------|-----------------|-----------------|
| Rotated Voltage            | 220 V  |                 |                 |                 |
| Roted Frequency            | 50HZ   |                 |                 |                 |
| Number Of People           | SINGLE PERSON  |                 | DOUBLE          |                 |
| Overall Dimension          | 1000*765*2000MM  | 1200*765*2000MM | 1500*765*2000MM | 1800*765*2000MM |
| Operating Space            | 800*630*700MM  | 1000*630*700MM  | 1300*630*700MM  | 1600*630*700MM  |
| Rated Power                | 1100W  |                 | 1800W           |                 |
| Total System Exhaust       | 360M3/h  |                 | 500m3/h         |                 |
| Uv Lamp Power              | 30w  |                 | 40w             |                 |
| Fluorescent Lamp Power     | 12w*2(LED)   |                 | 16W*2 (LED)     |                 |
| Average Falling Wind Speed | 0.33+-0.25M/S  |                 |                 |                 |
| Average Suction Wind Speed | 0.53+-0.25M/S  |                 |                 |                 |
| Filtrtion Efficiency       | HEPA (ULPA) High Efficiency Filter, FOR 0.3 U M (0.12) Particle Filtration Efficiency > 99.999% (99.9995%) |                 |                 |                 |
| Noise                      | <67 Db (A)   |                 |                 |                 |



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Solidarité et coopération  
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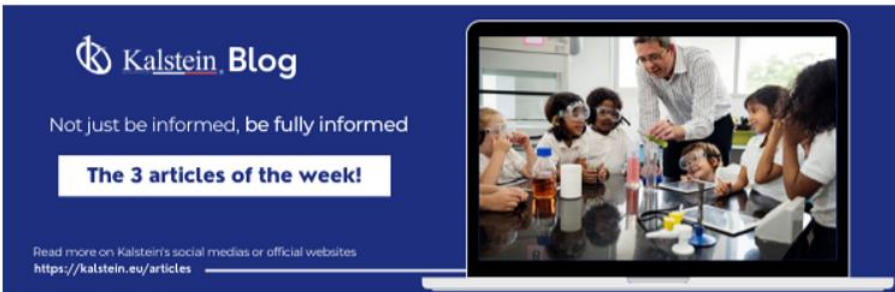
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