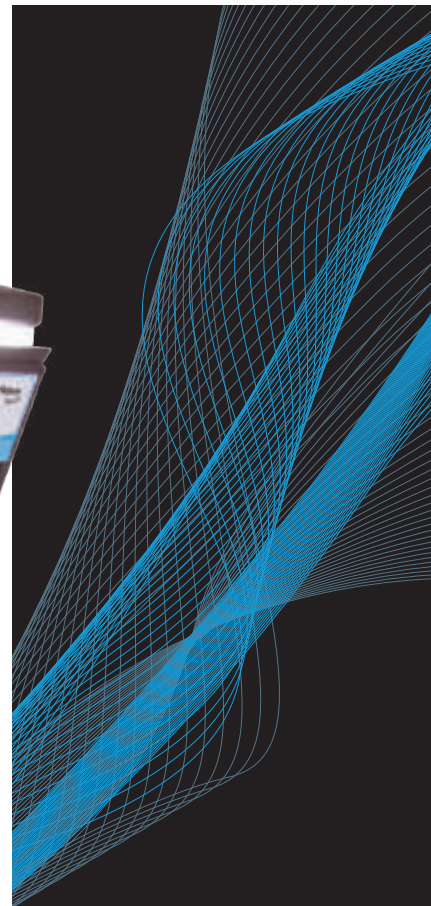# erlab

Simpler *Safer*

# Captair Flow Smart

Vertical laminar flow cabinet

## Providing an ultra-clean, dust free enclosure

# Captair Flow Smart
## Vertical laminar flow cabinet

**SMART TECHNOLOGY**
Simple, intuitive communication by light showing the status of the workstation

High efficiency particulate filter
HEPA H14 or ULPA U17

Air flow monitoring

Internal LED lighting > 800 Lux

UV-C Germicidal lamp

Ergonomic slanted design for comfortable and safe working position

UV Safety switch

Easy to clean worktop (chemical resistant laminate or stainless sleel)
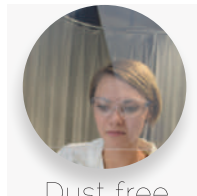
Download the eGuard App for remote control and monitoring

Google play

Available on the App Store

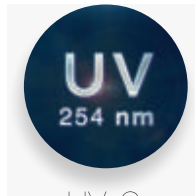Life in the laboratory becomes simpler and safer

# To protect sensitive samples against airborne contamination

**Captair Flow Smart Vertical laminar flow cabinets** are designed for tissue culture, non-pathogenic biological samples, food microbiology, cell culture, semi-conductor assembly, .....
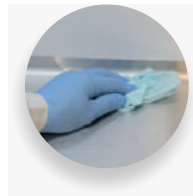
### Dust free workstation

- Protection against dust contamination
- Internal dust-free air quality achieved by high efficiency particulate filter(s) (HEPA H14 or ULPA U17)
- Optional carbon filter to protect samples from VOCs present in the laboratory room
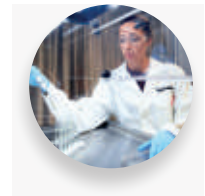- Class 5 air quality in the enclosure according ISO 14644-1

### UV-C Germicidal lamp

- To sterilize the interior and contents before usage to prevent cross-contamination from the previous experiment
- This UV lamp switches off automatically is the operator opens the lower door by accidant during decontamination

### Easy to clean

- Work surface is easy to clean
- Seamless worktop with smooth corners (available in TRESPA®TopLab PLUS laminate or Stainless steel 304 L)
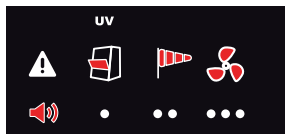- Non-porous material

### Ergonomic design

- 4 models available for your handlings with large openings for easy access to your work
- Slanted sash provides an ergonomic position for comfort and productivity
- High luminosity, internal LED lighting > 800 lux

## Simpler to use

- SMART technology informs users about their protection using light and sound.
- Light and sound pulses provide real time information indicating that:



- The sash is opened during UV decontamination
- • Air face velocity is compromised: check sash, pre-filter or HEPA / ULPA filter.
- • • Fan failure has occured.

- **The eGuard App** provides remote control to monitor the workstation, change the settings, and delivers safety alerts immediately to your mobile, tablet or PC device.

## Safer to operate

- ULPA U17 filters guarantee 99.999995% filtration efficiency for particles larger than 0.1µm. or HEPA H14 filters guarantee 99.995% filtration efficiency for particles larger than 0.1µm.
- Optional molecular filter for additional protection from fumes and vapors present in the laboratory air.
- Air quality in the enclosure complies with EN ISO 14644-1 (Class 5).
- The anemometer monitors a drop in pressure indicating that pre-filter or HEPA / ULPA filter replacement is required.

## Standard range

### 321   391   483   714

| Model | 321 | 391 | 483 | 714 |
|---|---|---|---|---|
| External size (mm) ( L x W x H) | 800 x 615 x 1106 - 1292 | 1005 x 615 x 1106 - 1292 | 1298 x 750 x 1332 - 1518 | 1819 x 750 x 1332 - 1518 |
| Internal size (mm) ( L x W x H) | 764 x 424 - 545 x 830 | 969 x 424 - 524 x 830 | 1172 x 648 - 653 x 1039 | 1697 x 648 - 653 x 1039 |

# erlab

# Safety solutions for a variety of applications !

**GreenFumehoods**
an alternative to
ducted fume hoods

**Smart Fume Hoods**
for your routine
handlings

**Captair Smart**
Weighing Stations
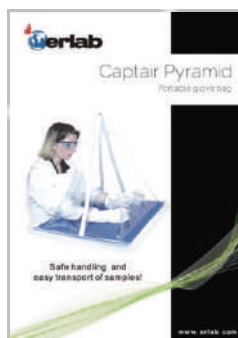
**Captair Smart**
Storage cabinets

**Captair Store**
Storage cabinets

**Captair Flow**
Clean Air Enclosures

**Captair Bio**
PCR Workstations

**Captair Pyramid**
Portable Glovebox

**Halo**
Laboratory Air
Filtration system

**Halo Sense**
Lab Air Quality Sensor

Your **erlab** distributor

# www.erlab.com