erlab
You can breathe.

Captair Flow
Smart
Vertical laminar flow cabinet

Providing an ultra-clean, dust free enclosure

FILTRATION TECHNOLOGY
erlab Above

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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)

eGuard
Stay informed

Remote control to monitor the Erlab Smart products, change the settings, and deliver safety alerts immediately.

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

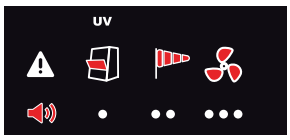
- Work surface is easy to clean
- Seamless worktop with smooth corners (available in TRESPA®TopLab PLUS laminate or Stainless steel 304 L)
- Non-porous material

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 Remote Control to monitor the Erlab Smart products , change the settings, and deliver safety alerts immediately.

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

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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

Chemtrap Midcap
Filtration System

Captair Flow
Clean Air Enclosures

Captair Bio
PCR Workstations

Captair Pyramid
Portable Glovebox

Halo
Laboratory Air Filtration system

Halo Sense
Lab Air Quality Sensor

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