

Drying Cabinet VTR 850



Using the VTR 850 is the best way to dry your wet evidence items and avoid fungal attacks and of course sickening smell.

As the only drying cabinet on the market, VTR 850 is based on the electronic humidity control, you don't need to touch the evidential items to check whether the item is dry or not. This is a very important feature to avoid cross contamination.

A micro-sieve located on the bottom of the cabinet prevents that small items which fall out of the evidence during the drying process, get lost in the drain.

The integrated water pump helps you to get the waste water out of the cabinet wastewater tank. Just hang the silicone hose into a floor drain or a nearby water basin.

The surfaces in the cabinet are smooth and very easy to clean, because we disclaimed on needless applications.

As an option you can purchase a UVC-Lamp and/or UVC-Cleaner to inactivate DNA chains.

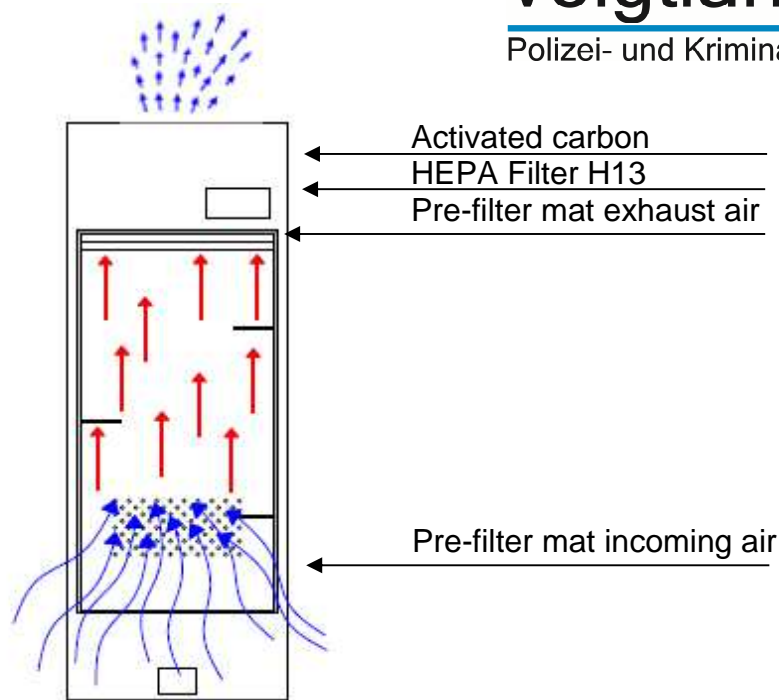
The cabinet's door is made of polycarbonate, easy to clean and lockable.

The VTR 850 can be purchased on adjustable feet or on wheels.

The drying process works in a defined space, so it's easy to keep it clean. The ventilation runs with a special filter system for incoming and exhaust air.

The pre-filter mat cleans the incoming air from rough particles. For exhaust filter system we use also a pre-filter mat which is changeable after each process. This is important, because small particles may peel away from the evidence during the drying process. Those small particles get caught in the pre-filter mat, so it is possible to investigate the filter mat.

After the pre-filter mat, there is a HEPA filter located (Class H13). After this particulate filter the activated carbon in combination with BAC filters the bacteria, virus and of course the bad odours. The now clean air is blown back into the working space.



Airflow scheme

How to use VTR 850:

- Plug in the electrical supply
- Switch on the main switch
- Switch on the light button to illuminate the internal of the cabinet
- Be sure, that the pre-filter in the internal top of the cabinet is new
- Store your wet evidence items in the cabinet, if you have small items, fold out the shelves and place the small items on the perforated shelves
- Switch on the ventilation button and internal humidity will be shown (in per cent) on red display
- Lock the door by turning the key to be sure that no one interrupt the drying process
- Ventilation will stop automatically at 35% r.h., or latest after 48 hours
- Unlock the door, open it and take out the evidence items (be sure to wear gloves, a coverall and a surgical mask to avoid DNA- contamination)
- Store the evidence items in plastic bags and vacuum it for easier storage or transportation to the laboratory for further investigation
- Release the pre-filter mat from the internal top and investigate the filter to be sure, that floating micro traces are secured, too.
- Take out the micro-sieve of the bottom of the cabinet and search for small pieces which dropped out of the evidence items during the drying process

Technical datas:

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| • Measurements outside (W x D x H): | 850 x 700 x 1970 mm |
| • Measurements inside (W x D x H): | 750 x 675 x 1500 mm |
| • Exhaust ventilator: | with electronic moisture control |
| • Foldable shelves: | 3 pcs., perforated polycarbonate |
| • Clothes rail: | detachable, white powder coated |
| • Drain with sieve for small particle: | in the middle of the ground |
| • Door with three lockable pressure closures: | Polycarbonate |
| • Housing: | double wall system, Polypropylene (easy to clean) |
| • Illumination: | 1 x 10W, LED light (90 LED's), 490lm |
| • Wastewater pump: | 28W, 1200l/min, lifting height: 2,0m |
| • Filter for incoming air: | pre-filter |
| • Filter for exhaust air: | pre-filter, HEPA-Filter, activated carbon/BAC |
| • Connected load: | 230V, 300W, 50Hz |