



INSPIRING ENVIRONMENTS
FOR SCIENCE AND RESEARCH



VISU ProFocus fume cupboard

**FOR DEMANDING PROFESSIONAL
USE AND PRECISE WORK**

VISU ProFocus

EN 14175-2

VISU ProFocus fume cupboard is designed for demanding professional use and precise work, such as in pathology laboratory.



- **For precise work** – Electrically and manually operated folded front glass enables an effortless, safe and optimal environment for precise work.
- **Easy to modify** – ProFocus fume cupboards are always tailored and equipped according to the customer's needs.
- **High quality** – Materials for professional use and finished design, almost maintenance-free.
- **Ergonomic** – Clear and optimal design of details. Working position is ergonomic thanks to electric height adjustment and full-width knee recess.
- **Safe** – The air suction is on the full width of the fume cupboard on upper and lower edge of the inner back wall. Structures are easy to clean.
- **Ecological** – Designed and manufactured responsibly in Finland, made to last for decades.

VISU KALUSTE OY

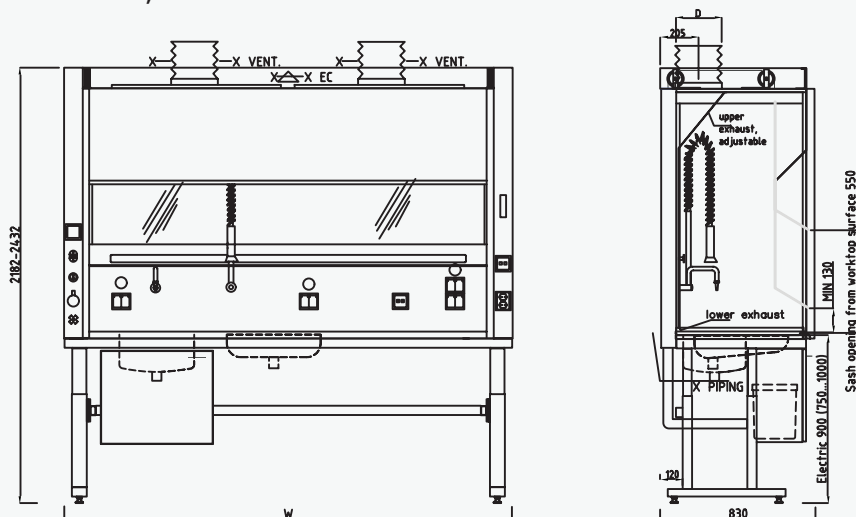
📍 Eeliksentie 6, 34870 Visuvesi, Finland

✉️ visu@visu.fi

☎️ +358 44 749 4940

📄 Business ID 2663577-6

TECHNICAL TYPE DRAWING, EXAMPLE



DIMENSIONS AND MATERIALS

Standard widths	1200, 1500, 1800, 2100 and 2400 mm.
Worktop depth	700 mm
Total depth	830 mm
Total height	2180-2430 mm with electrical height adjustment, 2330 mm when the height of the worktop is 900 mm.
Worktop height adjustment	Manual 750–900 mm, electrical adjustment 750–1000 mm.
Worktop material	Stainless or acidproof steel, ceramic (maximum width 1800 mm), polypropylene.
Side wall materials	Powder coated aluminum, compact laminate, polypropylene, stainless or acidproof steel.
Back wall materials	Powder coated aluminum, polypropylene.
Front wall	Folded laminated glass with electric height adjustment, EN 14175. Electric and manual use, motion sensor with automatic closing mechanism, safety sensor with automatic stop function.
Frame	Powder coated steel.
Ductwork	High-pressure laminate + back wall material.
Standards	On request according to EN 14175-2 : 2003 fume cupboards, with the exception of individual customer-specific requirements
Registered community design	The product has been granted registered community design (EUIPO).

According to the order

Internal storage	4 pcs of back-wall rods made of acid-proof steel (Reservation for the back-wall rods is included automatically). Perforated shelves made of acid-proof steel, available also with height adjustment.
Sockets	IP21 or IP44, according to order, 4 pcs as standard, emergency stop.
Air flow control	0-1 control switch with indicator light, reservation for automatic air flow control.
The most common equipment	Sinks, taps, under-desk storage, under-desk safety cabinets, a knee-recess, a residual current circuit breaker.
Other additional properties	For example: EX-protection, ESD-classification, a hotplate, HEPA filter, hand-hatches, pass-through hatches, accessories in side panels. Ask more from our experts.

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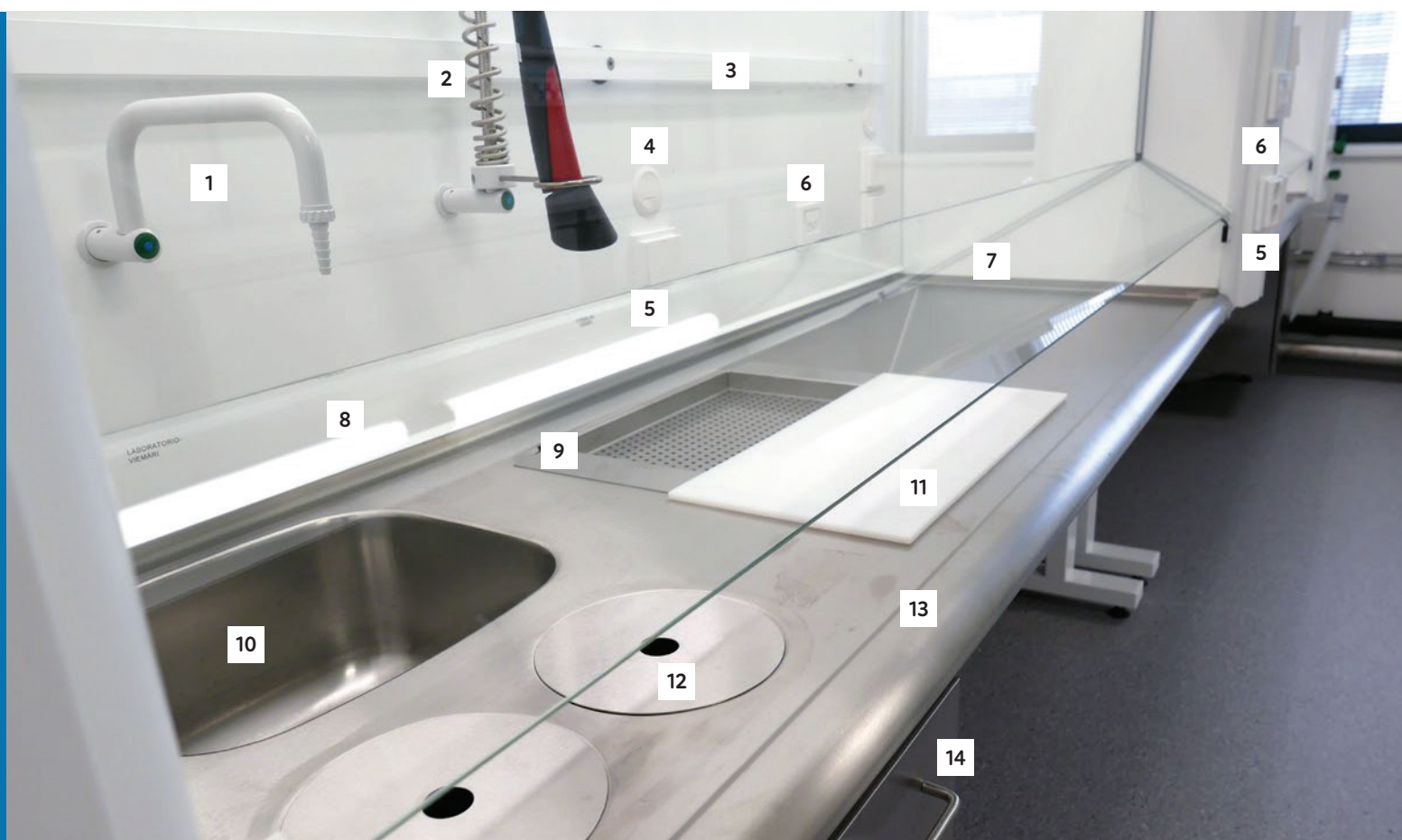
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THE TECHNICAL PROPERTIES DEPEND ON THE FUME CUPBOARD WIDTH

Standard widths, [mm]	1200	1500	1800	2100	2400	Other dimensions are also possible.
Internal work area widths, [mm]	930	1230	1430	1730	2030	
Air volume, [l/s]	140	185	215	260	305	Sash 300 mm open, 0,5 m/s inflow.
Standard lights, led W (lumen)	15(1425)	19(2028)	19(2028)	According to need	According to need	Enhanced lighting is available for all widths if required.
Ventilation connection, [mm]	200	200	250	2×200 (cc 900 mm)	2×200 (cc 1050 mm)	



1. Water outlet with swivel spout
2. Pre-rinse mixer
3. Universal fixing rail
4. Lead-through
5. Socket
6. Data Socket
7. Folded laminated front - glass specially designed for safe, precise and optimal work
8. The air suction is on the full width on upper and lower edge of the inner back wall
9. Stainless steel draining grid
10. Stainless steel worktop with sink
11. Polyethylene cutting board
12. Lidded lead-through for safe waste disposal
13. Optimally shaped edge shapes in the worktop and sliding profiles
14. Under-desk storage with ventilation connection

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VISU fume cupboards have a fully integrated Fanison control system that keeps the exhaust air flow at the correct level in the various positions of the sash. The self-learning system guarantees the user a safe work environment and easy usability. Technically reliable system brings clear energy savings and thus significantly reduces operating costs.

The fume cupboard can be equipped almost indefinitely and the side panel brings even more possibilities. On the side panel in the picture there is an additional ventilation connection for a trolley, various water taps with front control valves, light- switch (also available with enhanced lighting), switch for electric height adjustment and switch for electric sash (also available with foot pedal).

Optimally shaped edge shapes in the worktop and sliding profiles reduce swirl and thus increase the efficiency and safety of the fume cupboard. The raised edge shape of the worktop prevents spills from entering the floor or fume cupboard structures. The pulling rail has been completely removed from the folded front-glass, maximizing the visibility of the work environment and making the edge of the glass easier to clean. The edge of the electric sash is equipped with an anti-collision sensor.



Fume cupboards are delivered, if so agreed, installed in place, ready to be connected to building services systems. the fume cupboard must be connected to a separate exhaust air duct. The water supply, drainage, gas and electricity work must be performed by professionals. An automatic air flow alarm and control system can also be included in the delivery.

VISU fume cupboards are always equipped according to the customer's needs.

INSPIRING ENVIRONMENTS FOR SCIENCE AND RESEARCH

VISU laboratory furniture is developed together with users and is the answer to the needs of modern research now and in the future.

VISU offers flexible furniture solutions for various laboratory and hospital projects, and also for educational institutions. The collections VISULab and OPPILab are adjusted to customer's needs.

HIGH-QUALITY AND DURABLE

VISU laboratory furniture is manufactured from start to finish at our factory in Visuvesi, Finland. The high quality is guaranteed by the expertise of wood and metal work professionals, the company's state-of-the-art machines and decades of experience.

The materials of the furniture are of high quality, fully recyclable and safe for indoor air. Thanks to the high quality, the expected service life of our furniture is at least 30 years.

**Feel free to contact us and we will
design suitable solutions together!**

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