



VON GAHLEN

COMPACT TECHNETIUM SOLUTION

This compact designed hood is the ideal solution to provide an aseptic and safe environment for manipulations in low energy gamma applications. This shielded laminar hood is equipped with a generator safe, that has been designed to safely store two round molybdenum-technetium generators. The hood itself provides an aseptic environment for the elution, preparation and dispensing of technetium labelled compounds.

Model VG-CTS

KEY FEATURES

- Ergonomic design: sloped front and exceptional legroom underneath the cabinet
- Internal work space: 1260 mm wide, outside dimension 1470 mm
- Lead shielding: 10 mm
- Optimally illuminated working area via dimmable non-glare LED (0-1.100 Lux)
- Very quiet 49-59 dB [A] (sound pressure level according to ISO 11201)
- Fully integrated large monitor in back wall for dose calibrator read-out
- State of the art laminar hood designed according to Class II, EN1246
- Fully integrated and easy to operate electrically elevated generator safe
- Individually controlled movement of the generators to the working surface
- Stainless steel (AISI 304) working area with bottom sink and three cover plates
- Electrically driven front sash for ease of operating and exact positioning
- Integrated dose calibrator and waste vault
- Laminar flow monitoring
- Sitting model
- Lead glass window inside the sash, for maximum reach inside the cabinet

FULLY INTEGRATED LARGE MONITOR IN BACK WALL FOR DOSE CALIBRATOR READ-OUT

INTEGRATED DOSE CALIBRATOR AND WASTE VAULT



ELECTRICALLY DRIVEN FRONT SASH FOR EASE OF OPERATING AND EXACT POSITIONING

LARGE LEAD GLASS WINDOW

INTEGRATED MEASUREMENT SOLUTIONS

FULLY INTEGRATED AND EASY TO OPERATE ELECTRICALLY ELEVATED GENERATOR SAFE

YOUR GUARANTEE FOR QUALITY. FOR SURE.



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FOR SURE



TECHNICAL DATA

- Exterior smooth finish traffic white (RAL 9016), easy to decontaminate
- Electrical cabinet is fully serviceable from the front
- Minimal door width for installation of the hood is 820 mm
- Outside dimensions: 1480*870*2475 mm [W*D*H]
- Exhaust flow: 550 m³/h
- Internal workspace dimensions: 1260*620*640 mm [W*D*H]
- Weight incl. generator vault: 2375 kg
- Working height: 838 mm (sitting position)
- Air velocity in work zone: 0,45 m/s, Grade A (laminar air flow)
- Power connection: 230 V, 50 Hz, 16 A

SOFTWARE / CONTROL

- Green / red LED illuminating the safety glass and the working area to indicate the current status and alarms related to the functioning of the cabinet
- Touch display; intuitive and easy to use menu navigation in several languages with PIN code protected user profiles
- All safety-related parameters are displayed as large graphical images
- Integrated 19" monitor in back wall, format 4:3

OPERATOR / PRODUCT SAFETY

- Microbiological safety cabinet, Class II, EN12469 certified
- Lead shielding 10 mm on table, side walls and back wall up to 1000 mm above table level
- Ergonomic design: sloped front and exceptional legroom underneath the cabinet
- Moveable barrier inside hood: 363 mm [W] including lead glass window 10 mm Pb equivalent 300*400 mm [W*H] [effective]
- Motion sensors register movements of people and the resulting disruption of airflow near the work opening, triggering a clear warning signal when the disruption exceeds a certain threshold

FUNCTIONS

- Built-in laminar down flow unit with 99,995% efficient H14 filter
- Interior and exterior finish complies with pharmaceutical regulations for cleaning and validation
- High load per cover plate: 60 kg
- Two individual 230V power sockets inside cabinet
- One double USB connection and one double CAT6 connection
- Filter test connection point
- Electrically driven front sash for ease of operating and exact positioning
- Front sash with multi-layer safety glass and UV – light absorbing interlayer

INCLUDING

- Integrated shielded waste vault 10 mm Pb with sliding shielded lid inside working area, drop off with internal diameter of 70 mm and lockable front door for easy disposal of waste. Inside dimensions 305*211*230 [W*D*H], internal finish in stainless steel.
- Ion chamber shield 10 mm Pb with ISOMED 2010-USB ion chamber system (manual dipper)
- Fully integrated safe for up to two round generators, shielded with 50 mm Pb. Internal stainless steel finish. The safe is equipped with fully extractable tray for easy (un)loading of generators
- Interface for connecting equipment placed behind service hatch (including cables and double power socket 230V behind hatch)
- Filter test connection point
- The front sash can be lowered to such a point that it will allow the user to fully clean it
- Extended cover plates to specified height

OPTIONS

- Laboratory chair with wheels
- Medical keyboard or keypad

Are you looking for a wider model and/or require other customizations? Ask us what we can do for you.

MORE INFO?
Please contact
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Or visit
www.vongahlen.com

