



VON GAHLEN

QUALITY CONTROL SOLUTION

Von Gahlen presents the quality control solution. This shielded fume hood with additional frontal barrier is designed to provide a safe environment for the quality control of PET production. With high performance low flow hood, fully integrated ion chamber and waste vault. Designed and evaluated according to EN 14175-3 and the ASHRAE 110-1995 standards for safe manipulations in high energy gamma applications.

 **Model VG-QCS**

KEY FEATURES

- Ergonomic design: sloped front
- High performance low flow hood (energy efficiency)
- Compact design: 1000 mm wide
- Lead shielding: 50 mm
- Additional frontal lead barrier: 250 mm (H)
- Internal liner: special resin (composite material specifically designed for use as internal liner in laboratory fume hoods)
- Manually driven front sash, equipped with counter weight for ease of operating and exact positioning
- When sash is raised above 457 mm (18.0"), it will automatically and gently fall back to the safe level unless held in place

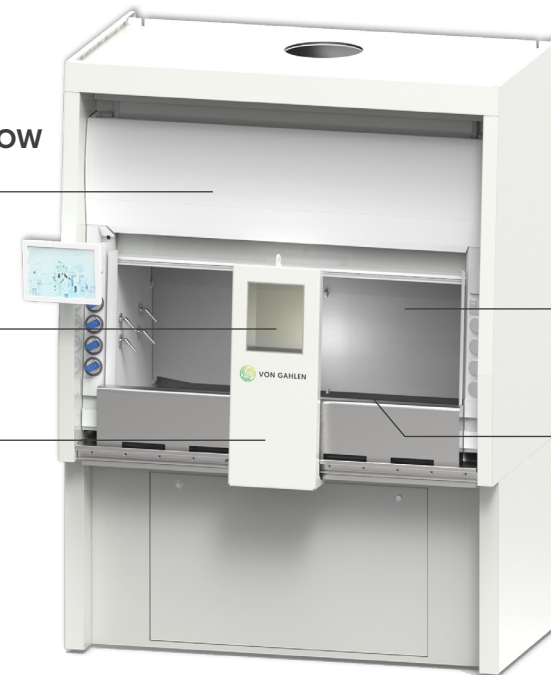
HIGH PERFORMANCE LOW FLOW HOOD (ENERGY EFFICIENCY)

LARGE LEAD GLASS WINDOW

ADDITIONAL FRONTAL LEAD BARRIER

COMPOSITE INTERNAL LINER

INTEGRATED MEASUREMENT SOLUTIONS



YOUR GUARANTEE FOR QUALITY. FOR SURE.



VON GAHLEN
FOR SURE



TECHNICAL DATA

- Exterior 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 940 mm

- Outside dimensions: 1370*1200*2650 mm (W*D*H)
- Exhaust flow: [face veloc. 0,3 m/s, sash 450mm]: 540 m³/h

- Internal workspace dimensions: 1000*675*1230 mm (W*D*H)
- Weight including frontal barrier: 3500 kg
- Working height: 838 mm [standing position]
- Power connection: 230 V, 50 Hz, 16 A
- Exhaust outlet diameter: 305 mm [12.0"]

OPERATOR / PRODUCT SAFETY

- Lead shielding on table, side walls and back wall up to 1000 mm above table level
- Additional frontal lead barrier: 250 mm (H)
- Ergonomic design: sloped front and exceptional legroom underneath the cabinet
- Moveable barrier: 400 mm (W) including lead glass window 250*300 mm (W*H) [effective] 50 mm lead equivalent
- Easy cleaning inside the hood
- Removable front panel facilitates easy access to lighting and other electrical components mounted above the hood work chamber

FUNCTIONS

- Interior and exterior finish complies with pharmaceutical regulations for cleaning and validation
- High load per cover plate: 60 kg
- Four individual single power socket 230V in front of cabinet
- Typical light intensity on work surface is >1076 lux (>100 foot candles)

INCLUDING

- Frontal moveable lead barrier: 250 mm (H)
- Shielded waste compartment with 50 mm lead, opening in workbench with shielded lid
- Shielded ion chamber with 50 mm lead suitable for ISOMED ion chamber
- Electric ionization chamber lift
- Foot pedal control for ionization chamber lift
- Universal support (outlet, cable pass through, arm for laptop or ion chamber control unit)
- Gas connections inside hood, regulating valve in front panel: specify O, N, Ar, compressed air, vacuum
- Extended cover plates to specified height

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

