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SHIELDED FUME HOOD – R&D PET

The shielded fume hood - R&D PET is designed and evaluated according to EN 14175-3 and the ASHRAE 110-1995 standards for safe manipulations of high energy gamma applications.

Model VG-SFH-P

KEY FEATURES

- Ergonomic design: sloped front and exceptional legroom underneath the cabinet
- High performance low flow hood (energy efficiency)
- Available in three sizes: 1000 / 1300 / 1600 mm wide
- Lead shielding: 35 or 50 mm
- Internal liner: ESCO resinate (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

YOUR GUARANTEE FOR QUALITY. FOR SURE.

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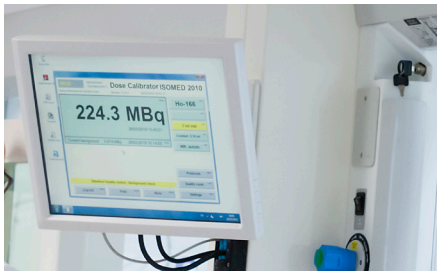

TECHNICAL DATA

- 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 940mm

- Outside dimensions, exhaust flow
  [face velocity 0,3 m/s-sash 450mm]:
  SFH1000: 1370*1100*2650 mm (W*D*H), 540 m3/h
  SFH1300: 1670*1100*2650 mm (W*D*H), 780 m3/h
  SFH1600: 1980*1100*2650 mm (W*D*H), 870 m3/h

- Internal workspace dimensions, weight 35 mm / 50 mm shielding:
  SFH1000: 1000*675*1230 mm (W*D*H), 2360 kg/3390
  SFH1300: 1300*675*1230 mm (W*D*H), 3100 kg/4450
  SFH1600: 1600*675*1230 mm (W*D*H), 3820 kg/5480

- Working height: 838 mm (standing position)
- Power connection: 230 V, 50 Hz, 16 A
- Exhaust outlet diameter: Ø305 mm (Ø12.0")

OPERATOR / PRODUCT SAFETY

- Lead shielding 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 hood: 400 mm (W) including lead glass window 250*300 mm (W*H) (effective) 35 or 50 mm lead equivalent
- Moving measurement system registers movements of people and the resulting disrupted airflow near the work opening and creates a clear warning signal
- Baffles remove to allow 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 pieces single power socket 230V in front of cabinet
- Typical light intensity on work surface is >1076 lux (>100 foot candles)

OPTIONS

- Shielded waste compartment with 35 or 50 mm lead, opening in workbench with shielded lid
- Additional opening in workbench for shielded waste compartment (waste separation)
- Shielded ion chamber with 50 mm lead suitable for MED
- Modification of ion chamber shield to house other ion chamber systems (Capintec, Atomlab)
- 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)
- Airflow monitoring at sash opening and alarm (Sentinel XL Airflow Monitor)
- Gas connections inside hood, regulating valve in front panel: specify O, N, Ar, compressed air, vacuum
- SS316 worktop
- Automatic sash positioning system
- Extended cover plates to specified height

MORE INFO?
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Or visit
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TÜV NEDERLAND ISO 9001