

SKAN

Balance Enclosure HFC^{pro}

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Precision and safety in a nutshell



Precise weighing and personal protection when handling active and toxic substances

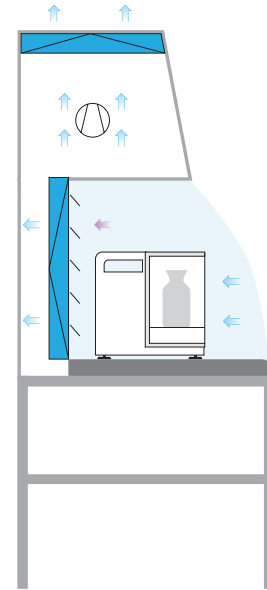
Requirements

- Working safely with active and toxic substances (agents) in powder form during sampling or product transfer
- Weighing tasks using micro and semi-micro balances in accordance with the latest USP requirements

Solution

Optimal research results start with a robust environment. The HFC^{pro} balance enclosure offers the user reliable weighing results with proven safety (OEL level <math><1 \mu\text{g}/\text{m}^3</math>). As with other new developments (e.g. the Workstation evo laboratory fume cupboard), we have consistently pursued the sustainability concept. The weighing fume cupboard has the „e-mode“. With the same protection (OEL level <math><1 \mu\text{g}/\text{m}^3</math>), the basic functions are automatically reduced when not in use, this ensures a reduction of the energy requirement, which in turn saves costs and resources.

Thanks to clever features, it has been possible to further increase the operator convenience and user safety. Clearly visible light signals indicate the current operating status or alarms. Optimal legroom ensures ergonomic work. The HFC^{pro} balance enclosure is available as a table version, to mount on existing laboratory furniture, or with a base stand.



Function principle

The air flow is guided towards the interior in order to prevent released particles and aerosols from leaving the controlled working area.

The possibility of the two consecutive HEPA H14 filters retains dusts effectively at the source. The optimised flow design ensures the highest possible level of safety.

This ensures personal and environmental protection.

Characteristics

- Proven improved personal protection
- OEL level $1 \mu\text{g}/\text{m}^3$
- Energy-saving mode „e-mode“, including motion sensor
- Light signal for the operating status or alarms
- Bagout filter change
- Permanent monitoring of the filter saturation
- Detection of the filter type
- Light and transparent working zone
- Ergonomic design, optimal legroom
- Touch screen
- Qualifiable filter

Additional products and options

- Base stand
- Base stand „EasyClean“ with powder-coated casing
- Additional HEPA filter
- Wide range of activated carbon for working with solvents
- Stainless steel or ceramic worktop
- Front and side glazing made of glass or acrylic
- Antistatic unit for working with statically charged powder
- Disposal unit with endless hose
- Black light (UV-A)

	HFC ^{pro} 90	HFC ^{pro} 120	HFC ^{pro} 150
Outer dimensions (W×L×H)	912×832×970 mm	1212×832×970 mm	1512×832×970 mm
Usable work surface (W×L)	840×490 mm	1140×490 mm	1440×490 mm
Air volume	ca. 330 m ³ /h	ca. 444 m ³ /h	ca. 554 m ³ /h
Air velocity working mode	ca 0,35 m/s	ca 0,35 m/s	ca 0,35 m/s
Power consumption	max. 170 W	max. 200 W	max. 250 W