skan

Powder Handling Cabinet



Powder Handling Cabinet



Targeted ventilation and effective filter technology for protection against contamination

Requirements

- Room-in-a-room concept to protect the product, people and surrounding areas from particles and microorganisms
 - → Weighing of active and toxic substances

Solution

The Powder Handling Cabinet is used to form a cleanroom zone. The result are tailor-made customer solutions with various filter systems and intuitive touch panel control, which save energy thanks to EC fans. Product and personal protection is ensured by the targeted ventilation, while the surrounding environment is protected by an inwardly directed air flow.

Characteristics

- Safe handling of large quantities
- Suitable for sample pulling or weighing
- → Clean room zone made to measure
- → ISO class 5
- → HEPA H14 filter
- Louvre or fixed walls (e.g cleanroom walls)
- Microprocessor-controlled fan regulation
- → Constant volume flow
- → Low-noise EC motors
- LCD-Display for air velocity and alarms

Field of application

- → Laboratory and research
- → Food industry
- Mechatronics
- Customized solutions













Functional principle

This room-in-a-room concept with targeted ventilation and filter technology effectively protects people, products and the surrounding environment from contamination. The creation of a containment system with a cleanroom of class 5-8 at rest effectively protects both products and users against released particles. In the interior of the PHC, air flows evenly from ceiling to floor. At floor level, the contaminated air is efficiently extracted by the shortest route through the filter integrated in the lower part of the PHC. The air flow directed from the outside inwards prevents the escape of dust, keeping the surroundings of the system free of contamination.

Tested

All our systems satisfy the CE standard and the requirements of the cleanroom grades defined in EN ISO 14644-1 resp. VDI 2083.

Additional products and options

- → LED interior lighting
- → CG air distributor
- → DEHS conncetions
- PVC strip curtain
- Ceiling suspension kit
- \rightarrow Recurculated air cooler built into the return air duct
- → Bag-out Filter

Other versions

— Custom versions

Technical data

Cabinet design according to customer-specific requirements

SKAN AG Kreuzstrasse 5 CH-4123 Allschwil, T +41 61 485 44 44 info@skan.ch

SKAN Stein AG Rüchligstrasse 296 4332 Stein, T +41 62 873 18 41 info.stein@skan.ch

SKAN Deutschland GmbH Nickrischer Straße 2 02827 Görlitz/Hagenwerder, Germany T +49 358 223 789 0, de.info@de.skan.ch

SKAN US, Inc. 7409 ACC Blvd., Suite 200 Raleigh, NC 27617, USA, T +1 919 354 6380 US.Sales@us.skan.ch, www.skan.com

SKAN Japan

5194-61 Katsuren-Haebaru Uruma-shi Okinawa 沖縄県 904-2311 Japan 日本 Tel +81 98 934 9922 JPSkan@skan.ch

skan