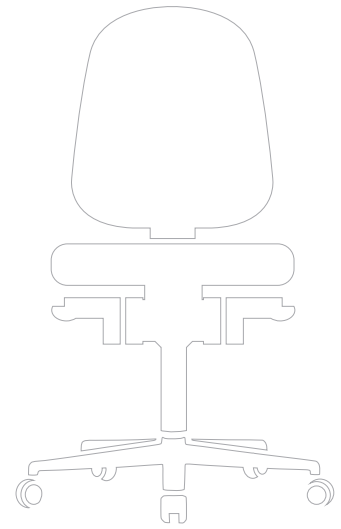


# Cleanroom Plus

## **The high-comfort solution for solid cleanroom performance**

Our Cleanroom Plus chairs are the flagship of our cleanroom seating solutions. They offer excellent cleanroom properties and are equipped with a perfect electrostatic discharge system. Furthermore, these chairs cannot fail to impress with their superb ergonomic design and luxurious level of comfort. Consequently, Cleanroom Plus not only meets the technical requirements but also measures up to the expectations of those who work in cleanrooms every day.





## Fraunhofer confirms the chairs' suitability for cleanrooms

The Fraunhofer IPA seal of approval certifies that Cleanroom Plus chairs are suitable for use in cleanrooms in compliance with the following standards:

- Air cleanliness classification 3 pursuant to DIN EN ISO 14644-1
- Air cleanliness classification 1 pursuant to US Fed. St. 209 E
- Provisions of the EU GMP guidelines
- Electrostatic discharge measures pursuant to EN 61340-5-1



**Fraunhofer**  
TESTED  
DEVICE  
bimos 9181 aus Modellreihe Reinraum Plus  
Report No. IN 0005-173



Guarantee  
**10**  
Years

## Cleanroom properties



The smooth, sealed surfaces of the seat and backrest shells prevent swirl even when there is a constant flow of air through the filter system and stop the build-up of particles on the chair.

The synthetic leather, upholstery and upholstery support are permanently bonded using special foam technology to ensure that no particles can be emitted.

The sealed design of the seat and backrest cover means that all the moving parts of the chair's mechanical system are enclosed so that particles cannot escape.

All Bimos cleanroom chairs feature electrostatic discharge measures in accordance with EN 61340-5-1 and offer reliable antistatic protection.

The chairs are supplied with a brilliantly polished and abrasion-resistant aluminium 5 star base. The seat support and backrest cover are both made from sheet steel, making them sturdy and durable.

# Cleanroom Plus



## Design and materials

On Cleanroom Plus, the seat and backrest shells are made from sheet steel and provide optimum protection against particle emissions. The metal components have a conductive coating and the plastic components are volume conductive. These components are all light grey. The synthetic leather cover, which is also conductive, has non-slip properties and ensures a firm grip even when the user is wearing smooth cleanroom clothing.

## Options



Mushroom glides



Steel disc glides (Cleanroom Plus 3)



Seat height adjustment range: 480 to 640 mm

## Accessories (for precise details, see page 141)



Ring-shaped armrest



Foot ring

## Upholstery finish and colour options

Finish

Black

Skai ESD synthetic leather



Order no.

2571



## Cleanroom Plus 2 Height of backrest: 380 mm

Seat height adjustment range: 440 to 565 mm.  
Option: 480 - 640 mm.

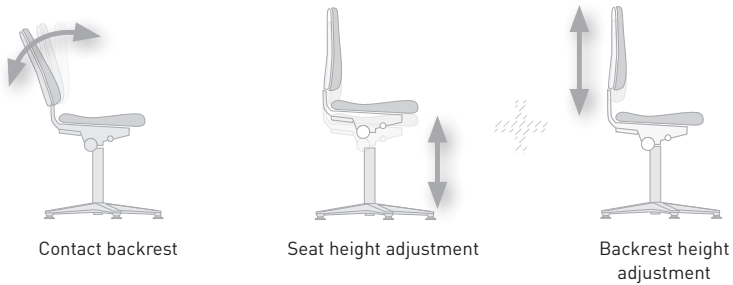
Design

Order no.

Contact backrest

9181-2571

## Mechanisms and functions (for precise details, see pages 16–17)



### Cleanroom Plus 2 Height of backrest: 500 mm

Seat height adjustment range: 440 to 565 mm.  
Option: 480–640 mm.

**Design**

Contact backrest

**Order no.**

9161-2571



### Cleanroom Plus 3 Height of backrest: 380 mm

Seat height adjustment range: 630 to 890 mm.

**Design**

Contact backrest

**Order no.**

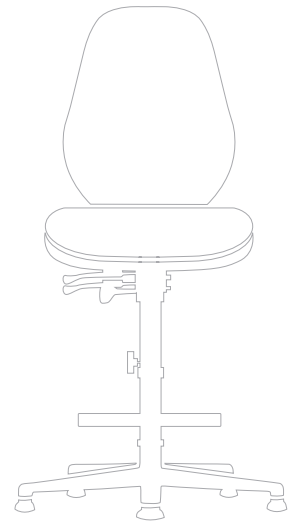
9183-2571

# Cleanroom Basic

## **The tried-and-tested all-rounder for use in cleanrooms**

An ergonomic design, superb cleanroom properties and reliable ESD measures are a lot to ask from a workplace chair. Yet Cleanroom Basic meets all these criteria and offers a high level of quality in the process. The fact that the chairs have to pass a comprehensive series of tests before they are awarded a test certificate and prove themselves in extreme working environments means that our claims of quality are not just empty words.





## Fraunhofer confirms the chairs' suitability for cleanrooms

The Fraunhofer IPA seal of approval certifies that Cleanroom Basic chairs are suitable for use in cleanrooms in compliance with the following standards:

- Air cleanliness classification 3 pursuant to DIN EN ISO 14644-1
- Air cleanliness classification 1 pursuant to US Fed. St. 209 E
- Provisions of the EU GMP guidelines
- Electrostatic discharge measures pursuant to EN 61340-5-1



**Fraunhofer**  
TESTED  
DEVICE  
Bimos 9140 aus Modellreihe Reineisraum Basic  
Report No. IV 9912-165



DIN  
68877



Guarantee

**10**  
Years

## Cleanroom properties



The smooth, sealed surfaces of the seat and backrest shells prevent swirl even when there is a constant flow of air through the filter system and stop the build-up of particles on the chair.

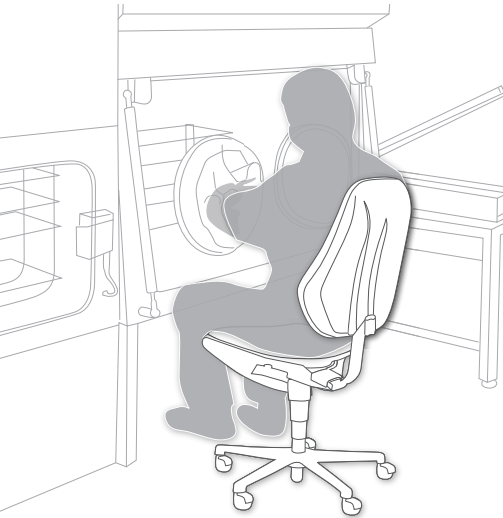
The synthetic leather, upholstery and upholstery support are permanently bonded using special foam technology to ensure that no particles can be emitted.

All Bimos cleanroom chairs feature electrostatic discharge measures in accordance with EN 61340-5-1 and offer reliable antistatic protection.

The chairs are supplied with a brilliantly polished and abrasion-resistant aluminium 5 star base. The seat support and backrest cover are made of plastic.



# Cleanroom Basic



## Design and materials

The base frame, which is made from die-cast aluminium, is brilliantly polished and is supplied with conductive castors/glides for hard floors. The non-tear synthetic leather cover, which is also conductive, has non-slip properties and ensures a firm grip even when the user is wearing smooth cleanroom clothing.

## Options



Mushroom  
glides



Ring-shaped  
armrest



Multifunction  
armrest



Foot ring

## Upholstery finish and colour options

Finish

Black

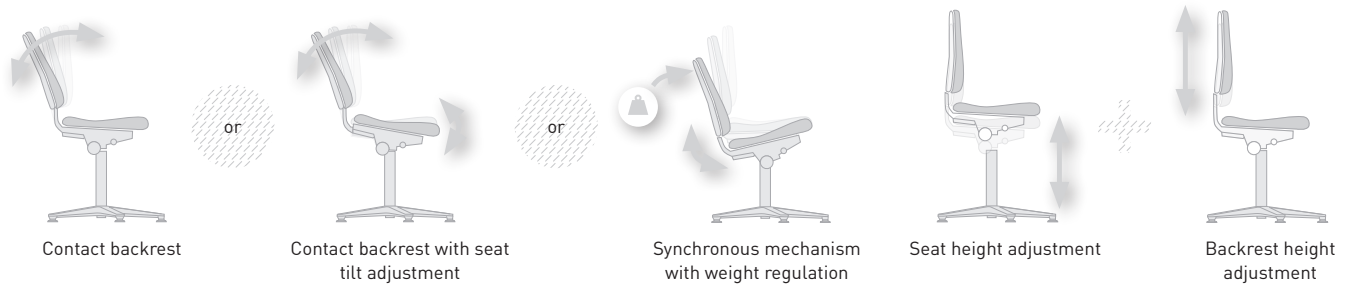
Skai ESD  
synthetic leather



Order no.

2571

## Mechanisms and functions (for precise details, see pages 16 – 17)



### Cleanroom Basic 2 with castors

Seat height adjustment range\*: 470 to 610 mm.

Design	Height of backrest	Order no.
Contact backrest	430 mm	9140-2571
Contact backrest with tilting seat	530 mm	9142-2571
Synchronous mechanism with weight regulation	530 mm	9145-2571

\* 20 mm increase in seat height with the synchronous mechanism.



### Cleanroom Basic 3 with glides and step

Seat height adjustment range: 620 to 870 mm (630 to 890 mm\* / 660 to 910 mm\*\*).

Design	Height of backrest	Order no.
Contact backrest	430 mm	9141-2571
Contact backrest with tilting seat*	530 mm	9143-2571
Synchronous mechanism with weight regulation**	530 mm	9146-2571



# Cleanroom Stools



## Industrious assistants

Stools provide an ad hoc seating solution for anywhere within the cleanroom. They can also be used instead of chairs when there is a lack of space. The comprehensive range of stools completes the Bimos cleanroom collection with these indispensable assistants. The base frames, which are made from die-cast aluminium, are brilliantly polished and are supplied with conductive castors/glides for hard floors. The synthetic leather cover also has conductive and non-slip properties.



## Finish and colour options for seat (stool/ergonomic stool)

Finish                      Black

Skai ESD  
synthetic leather



Order no.                      2571

## Cleanroom Ergo Stool 1 with glides

Seat height adjustment range: 460 to 630 mm.

Design

Order no.

Skai ESD synthetic leather, black

9467R-2571



**Fraunhofer**  
TESTED<sup>®</sup>  
DEVICE  
Interstuhl Hocker 9468R  
Report No. IN 0312-300



**DIN**  
68877



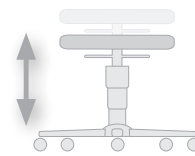
Guarantee  
**10**  
Years

## Fraunhofer confirms the chairs' suitability for cleanrooms

The Fraunhofer IPA seal of approval certifies that Cleanroom Stools are suitable for use in cleanrooms in compliance with the following standards:

- Air cleanliness classification 4 pursuant to DIN EN ISO 14644-1
- Air cleanliness classification 10 pursuant to US Fed. St. 209 E
- Provisions of the EU GMP guidelines
- Electrostatic discharge measures pursuant to EN 61340-5-1

## Functions (for precise details, see pages 16–17)



Seat height adjustment based on pneumatic spring system with easy ring control



### Cleanroom Stool 2 with castors

Seat height adjustment range: 460 to 630 mm.

**Design**

Skai ESD synthetic leather, black

**Order no.**

9468R-2571



### Cleanroom Stool 3 with glides and foot ring

Seat height adjustment range: 570 to 850 mm.

**Design**

Skai ESD synthetic leather, black

**Order no.**

9469R-2571