

CLEANROOM STOOL

43-204-01xx

The cleanroom version of the ESD stool system meets the strict requirements of air cleanliness class 3 as per DIN EN ISO 14644-1. In this way, the stool makes an important contribution to safe production processes in clean environments. Its suitability for ESD areas (ESD-compliant in line with DIN EN 61340-5-1) not only ensures component safety – for example for microelectronics – but also reduces particle accumulation on the stool's surfaces.

Product Specifications

Width:	400mm
Depth:	400mm
Base:	Aluminium
Surface resistance:	Below $10^9\Omega$ according to IEC 61340-2-3 standard
Compliant to standards:	IEC 61340-5-1
Warranty:	10 years

Cleanroom specificities

Certified suitability for clean rooms.

Air cleanliness class 3 according to DIN EN ISO 14644-1.

Sealed upholstery with foam backing technology.

Materials suitable for cleanrooms: smooth, sealed surfaces.

Any particle emissions are reliably avoided Deposits of particles on the stool are prevented.

Conductivity

Steel parts with a conductive coating Comfortable, conductive upholstery Typical leakage resistance of 10^6 ohm Volume-conductive castors. Exceeds the ESD requirements of DIN EN 61340-5-1. Complete ESD safety.

Seat

Extra-large seat with a diameter of 400 mm. Extra-strong and soft 60 mm comfort upholstery. Automatically encourages a correct sitting posture and upright, healthy sitting. The rounded front edge of the seat prevents possible blood congestion in the thighs.

Soft cover



Soft cover underneath the seat. The ring release and the mechanism disappear underneath the soft cover. This prevents particles from being released. Dust does not accumulate and cleaning becomes easy and efficient.

Seat design

Magic synthetic leather upholstery: washable, easy-care, disinfectant-proof, soft and comfortable, PVC-free, phthalate-free, resistant to blood and urine. Fire protection in accordance with EN 1021 Part 1 + 2. Colour: Black. The soft and comfortable pads offer excellent sitting comfort. Easy to clean, can be washed and disinfected. Free of softeners and therefore soft and comfortable even after years of use.

Seat height

Infinitely variable seat height adjustment from 450-650 mm (560-830mm for high version) by gas spring with protective cover. Large seat height adjustment range. The cover protects the gas spring against dust and dirt.

Base

Particularly small aluminium base with a diameter of 54 cm. Space-saving and high mobility due to the available legroom.

Castor/glides

Large, specially designed laboratory castors with a diameter of 65 mm. Move smoothly and are easy to clean. Stools are braked when not used which decreases the risk of accidents.

Material used

The materials used are correctly sorted and recyclable. Environment-friendly

Norms

DIN 68 877

EN ISO 14644-1

DIN EN 61340-5-1

GS certificate for "tested safety"

DIN EN ISO 9001 quality management

DIN EN ISO 14001 environmental management

EMAS tested environmental management

OHSAS 45001 occupational health and safety management

EcoVadis CSR rating 20 Gold



Part numbers and characteristics

Height	Material*	Base	Weight kg / Vol m ³	Part nr
450-650mm	Artificial leather	Castors	7,72 / 0,09	43-204-0100
560-830mm	Artificial leather	Glides & foot ring	8,92 / 0,09	43-204-0101
480-650mm	Artificial leather	Castors & foot release**	9,24 / 0,16	43-204-0102

*On request: Integral foam

**Foot release. Hands-free height adjustment: the intuitive foot release is both convenient and very hygienic.

Options

Part numbers	Description
84-200-0716	Foot ring for 43-204-0101
84-200-0722	Castors Stop and go for 43-204-0102

