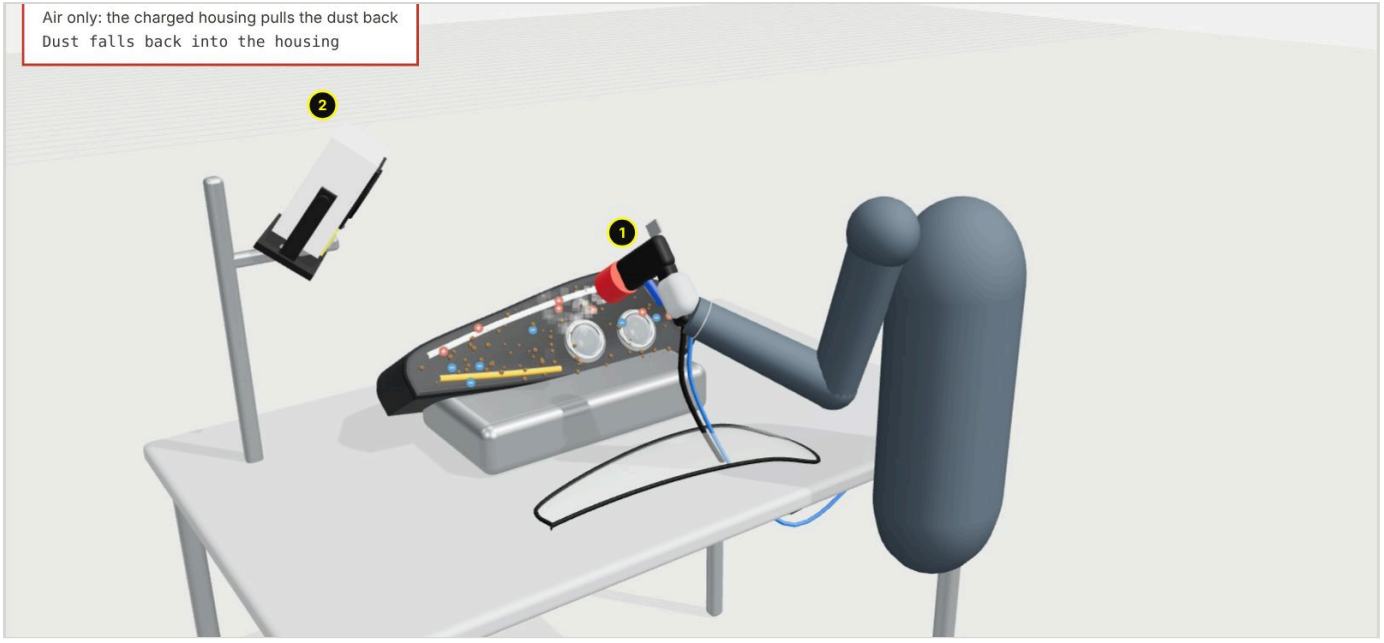
STATIC ELECTRICITY PRODUCTS · APPLICATION

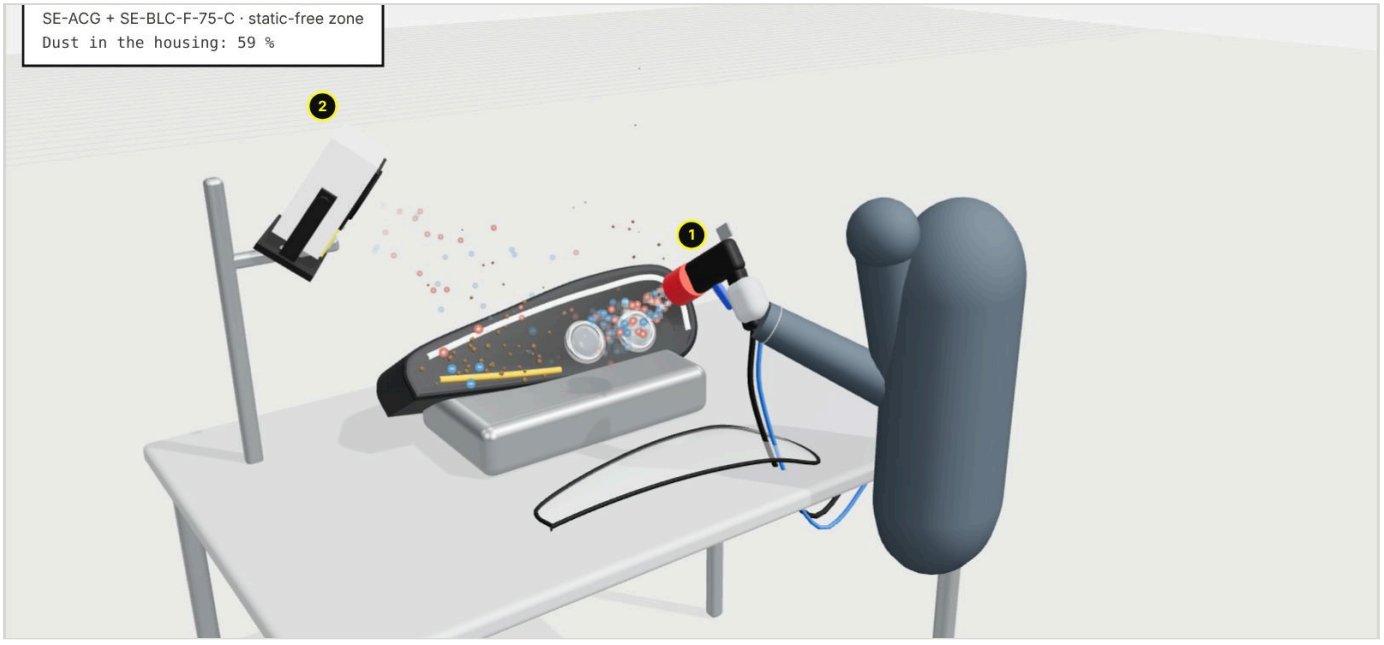
Manual cleaning & assembly station for headlight housings — SE-ACG and SE-BLC-F-75-C

Injection-moulded black headlamp housings carry a strong charge from moulding and conveying that binds dust and plastic shavings to the surface. If they are not removed before the clear lens is sealed on, they are trapped inside for good — rejects for appearance or light projection. Compressed air alone cannot break the static bond. An SE-BLC-F-75-C above the station creates a static-free zone, and the operator cleans the open housing with the SE-ACG: the ions break the bond, the air blows the dust away.

WITHOUT IONIZATION



WITH SE-ACG + SE-BLC



FÖGE products in this application

1 · SE-ACG antistatic airgun

Hand-held; ionized air from the 7 tungsten pins around the central blowing nozzle.

Ionization	**5.5 kV AC · shockless · ESD compliant**
Ionization range	**Up to 600 mm**
Air	**Up to 5 bar · Ø 8 mm hose · dry, filtered**
Variants	**SE-ACG-55-SN-C3 (standard) · -LN-C3 (silent)**
Protection	**IP66**

SE-ACG details Request technical quote

2 · SE-BLC-F-75-C — over the station

On a post above the station, aimed at the housing: floods the assembly area with balanced ions so no new dust is attracted while the lens is sealed on.

Ionization	**Pulsed DC · shockless · balanced**
Ionization range	**Up to 500 mm**
Pin cleaning	**Integrated automatic brush**
Supply	**24 V DC · M12 5-pin**

SE-BLC-F-75-C details

Also suitable for housing cleaning and assembly

Other FÖGE ionizers for this station.

SE-BLL Laminar Air Blower Ionizer	Pulsed DC · up to 1000 mm · 24 V DC

Interactive 3D model: switch between both states, rotate and zoom. foge-antistatic.de/applications/headlight-housing-assembly-se-acg-blc/

Schematic model, not to scale. Machines and parts are generic — no specific manufacturer or brand. Product data as published on foge-antistatic.de.