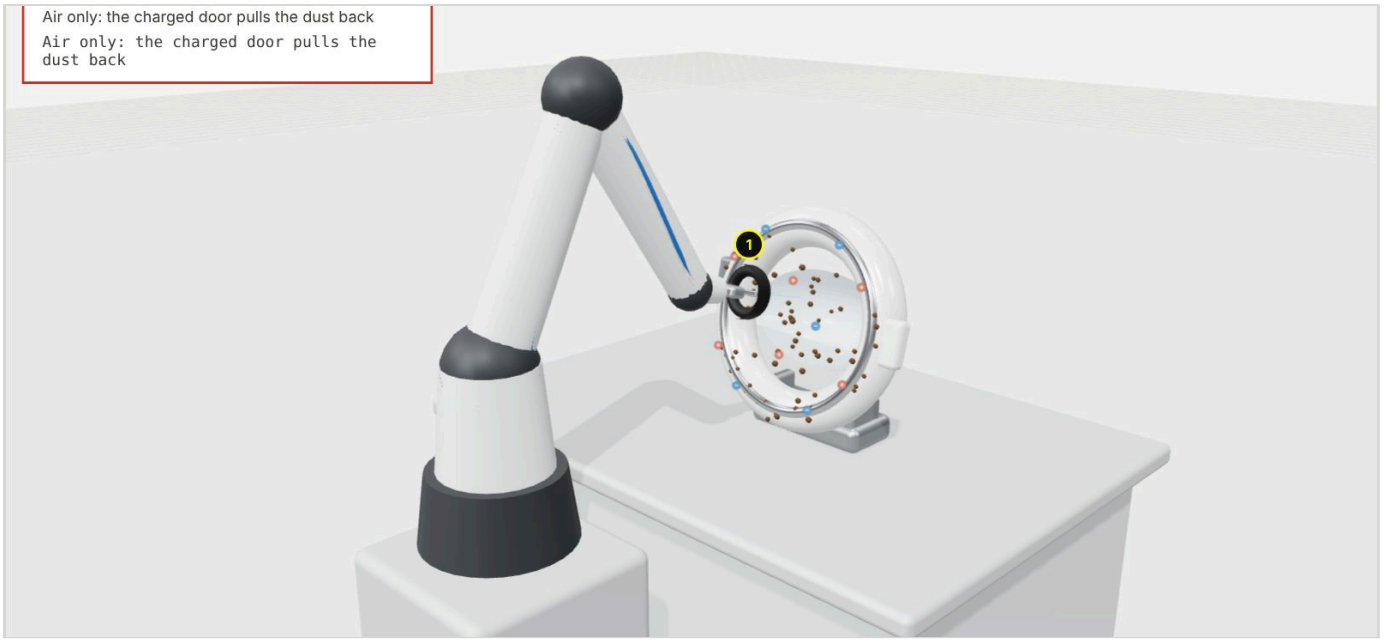
STATIC ELECTRICITY PRODUCTS · APPLICATION

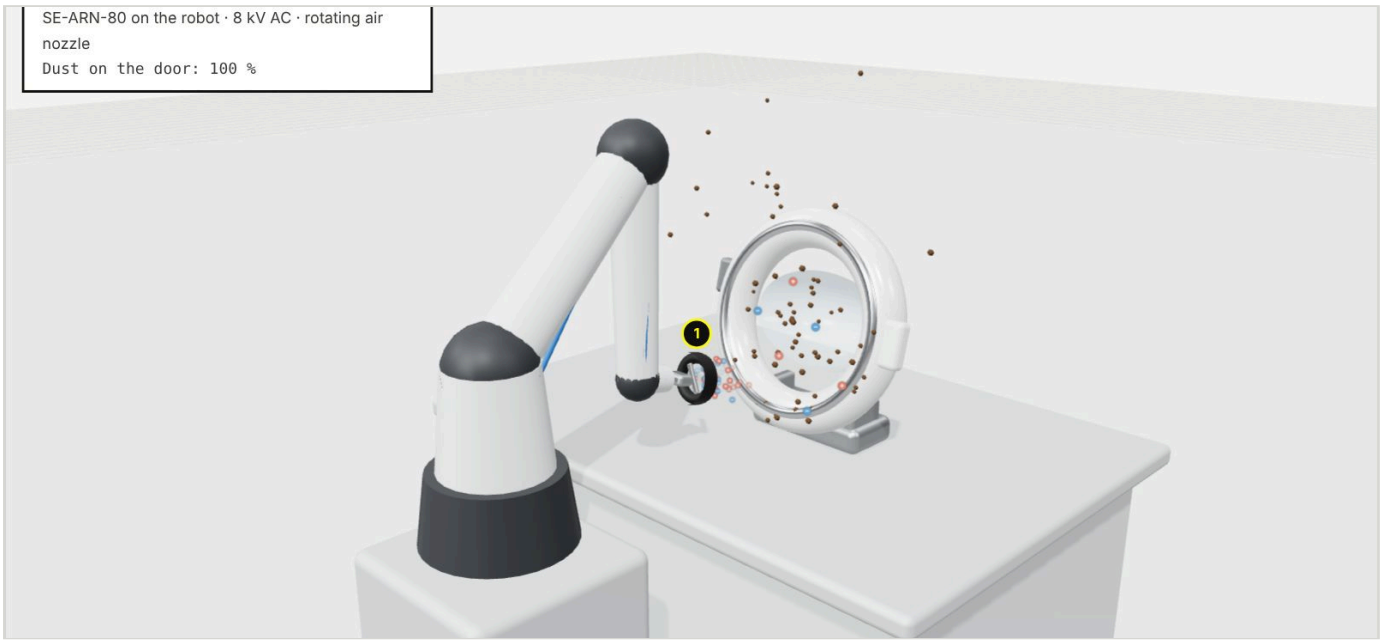
Washing machine door robot cleaning station with SE-ARN-80

High-gloss plastic and glass washing machine doors charge up during moulding and transport and become a magnet for dust and lint — visible surface defects after assembly. Robotic handling alone does not help: the static bond holds the dust, simple air blowing cannot release it. A robot carrying an SE-ARN-80 rotating ionizing air nozzle follows the contour of the door — round the ring and over the glass — and the ionized air breaks the bond so the particles are swept away.

WITHOUT IONIZATION



WITH SE-ARN-80



FÖGE product in this application

1 · SE-ARN-80-112-C3-PA — on the robot

Mounted on the robot flange; the rotating air jets and the 8 kV AC ion field follow the contour of the door ring and the glass.

Ionization	**8 kV AC · shockless**
Rotary nozzle	**Body ⌀ 70 mm · nozzle hole ⌀ 1.8 mm**
Protection	**IP66 — fully sealed**
Power unit	**SE-PAC-80-2-C / SE-PAC-80-4-C**

SE-ARN-80 details Request technical quote

Also suitable for robot cleaning

Other FÖGE ionizers for robot-mounted cleaning of 3D parts.

SE-ACS-55-50 — 5.5 kV AC · ⌀ 3 mm outlet · 4 – 8 bar
Compact Antistatic Spot Nozzle

Interactive 3D model: switch between both states, rotate and zoom. foge-antistatic.de/applications/washer-door-robot-se-arn-80/

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