

ESD extraction arm DN100 1370 mm 3 joints table mounting - Alsident 100-6555-1-6

Item no. WL41335

Manufacturer Alsident

Larger pollutant volumes need duct cross section, and ESD workstations need dissipative construction on top. This System 100 AS arm reaches 1370 mm over three joints and works at 140-400 m³/h with a 100 mm tube diameter. Tubes and joints are conductive polypropylene and the earthing cable with 1 MΩ safety resistor is included.

TECHNICAL DATA

Ausführungsklasse **ESD (antistatic)**

Colour **Black**

Weight **0.1 kg**


STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1:2016 EN 80079-36:2016 EN 80079-37:2016

DESCRIPTION

When a benchtop fume extractor is no longer enough for the volume produced, the Alsident DN 100 system is the next step up: 100 mm tube diameter and a recommended air volume of 140-400 m³/h. This ESD version reaches 1370 mm over three joints and is mounted on the table.

BENEFITS

- Reach of 1370 mm across three joints, the arm holds its position anywhere in its travel
- Recommended air volume 140-400 m³/h at 100 mm tube diameter, sized for larger capture tasks
- Tubes and joints in shock-resistant, conductive, chemically resistant polypropylene, maintenance-free conductive polyethylene O-rings
- Integrated throttle valve that sits clear of the air stream when open to preserve maximum flow
- Threaded rods, springs and thumbscrews in acid-resistant AISI 316L stainless steel, POP rivets in AISI 316L for long service life in aggressive environments

TECHNICAL DATA

Item number WL41335

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

esd.equipment

Page 1/2

Model	100-6555-1-6
Manufacturer	Alsident
Manufacturer item number	100-6555-1-6
Product series	Alsident System 100 AS
Range	1370 mm
Number of joints	3
Tube diameter	100 mm
Air volume extraction arm	140-400 m³/h
Assembling	table mounting
Material	Pipes and joints in shock-resistant, conductive, chemically resistant polypropylene (PP)
Colour	black
Joint colour	black
ESD safe	yes
Order unit	piece
RoHS	Components RoHS compliant

APPLICATIONS

Intended for ESD workstations in electronics manufacturing with high solder fume loads, for bonding and potting benches, for laboratory and analysis positions, and for areas where explosion protection to ATEX is additionally required.

COMPATIBILITY AND SCOPE OF DELIVERY

The arm belongs to the Alsident System 100 AS and accepts every DN100 hood and suction nozzle in the range. Supplied are the three-joint extraction arm for table mounting and the earthing cable with 1 MΩ safety resistor. A protective grille preventing foreign bodies from being drawn in is available as an accessory.

Tested for use in ESD areas to IEC 61340-5-1:2016 and for ESD and Ex areas to EN 80079-36:2016 and EN 80079-37:2016 under ATEX Directive 2014/34/EU with marking Ex II 1 GD.