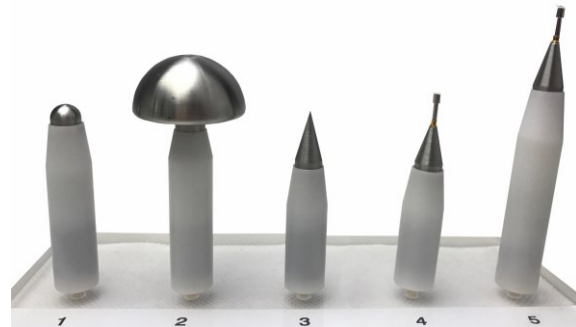


# SESD 302x

## Test tips for ESD

### IEC / EN 61000-4-2

- Tests for air and contact discharge according to IEC / EN 61000-4-2
- For **air discharge** only:  
**SESD 3020**  
**SESD 3025**
- For **contact discharge** only:  
**SESD 3021**    **SESD 3026**    **SESD 3027**



SESD 3020    3025    3021    3026    3027

**In the scope of delivery of  
SESD 216 / 230 / 30000 are  
included: SESD 3020 and 3021!**

### Overview

#### For air discharge

In this method, the pulse is triggered by approaching the test specimen. The high voltage applied to the test tip is discharged abruptly, resulting in a very broad-band high-frequency interference spectrum. Air discharge is used where contact discharge is not possible - e.g. on plastic housings.

#### For contact discharge

In this method, the test probe of the generator is placed directly on the test specimen. The actual "pulse release" takes place via a relay contact and reduces the influence factors such as approach speed, humidity, temperature, etc. The contact discharge is reproducible and therefore the preferred test method.

### Technical data

#### For air discharge

SESD 3020	Standard probe
Diameter	8 ± 1 mm
Length	50 ± 1 mm
SESD 3025	Air discharge > 16 kV
Diameter	30 ± 1 mm
Length	50 ± 1 mm

#### For contact discharge

SESD 3021	Standard probe
Length	50 ± 1 mm
Test tip with spring contact and corrugated contact surface (for contacting small surfaces)	
SESD 3026	
Length	(50 + 10) ± 1 mm
SESD 3027	
Length	(75 + 10) ± 1 mm

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 172108

