

Test tip´s for ESD



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 broadband high-frequency interference spectrum. Air discharge is used where contact discharge is not possible - e.g. on plastic housings.

SESD 3020*	Standard probe according to IEC/EN 61000-4-2	(1)
	Diameter	8± 1mm
	Length	50± 1mm
SESD 3025	For air discharge > 16 kV	(2)
	Diameter	30± 1mm
	Length	50± 1mm

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.

	Standard probe according to IEC/EN 61000-4-2	
SESD 3021*	Length	50± 1mm (3)
SESD 3022	Length	75± 1mm (4)
	Test tip with spring contact and corrugated contact surface for contacting small surfaces	
SESD 3026	Length	55/50 ± 1mm (5)
SESD 3027	Length	80/75 ± 1mm (6)

* Included in the scope of delivery of SESD 216, SESD 230 and SESD 30000.