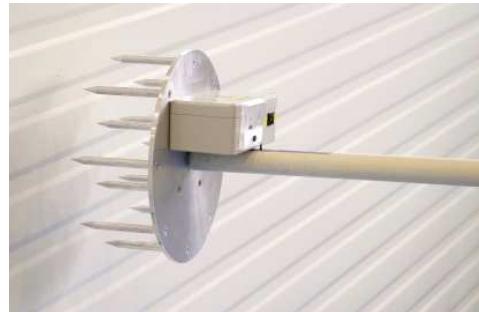


## Precipitation Static Simulator



The precipitation static (p-static) simulator is required for the test of the susceptibility of the electrostatic electricity due to the rain or snow precipitations on airplanes and helicopters. The nominal voltage is up to 50 kV and it can produce corona current up to 0.5 mA and current density up to 10'000  $\mu\text{A}/\text{m}^2$ .

The p-static adaptor can be used with the PGESD-300K generator or with a standalone high voltage control unit.

### SPECIFICATIONS

Type	<b>PST-50K</b>
Standard	MIL-STD-464A NATO AECTP-250 Leaflet 253
Maximum voltage	5 to 50 kV (optionally 5 to 75 kV)
Polarity	positive or negative (automatic selection)
Maximum current	$\geq 500 \mu\text{A}$ @ 50 kV
Maximum current density	about 10'000 $\mu\text{A}/\text{m}^2$
Current measurement	selectable: 100 $\mu\text{A}$ or 500 $\mu\text{A}$ full scale / $\pm 5\%$
Surface of the corona disk	0.05 $\text{m}^2$
Cables length	20 m
Rod length	215 cm
Weight	3.5 kg