

## Ionizing bar, SIB5.S series, 8 emitters, 637 mm

The device is characterized by stable performance at high frequency and keeps the ion balance stable over a long period of time. Various product specifications and digital control systems minimize the loss due to corona discharge. Optimized ion generation design also enables a wide range of applications for the removal of electrostatic charges.

- Stable ion balance over long service life
- Constant performance at high frequencies (100hz)
- Can be used in different environments thanks to the slim design and different lengths
- Increased ion generation by reducing corona discharge losses
- Tip cleaning alarm (you can set the duration of tip cleaning with a timer)
- Output voltage control (8~12.5kVp-p) to optimize the electrostatic properties
- Liquid dynamic nozzle base to prevent tip contamination
- Easy replacement and cleaning of nozzles at the touch of a button
- Minimal air consumption (innovative base design with minimum flow and maximum voltage)
- Ion generation method: Corona Discharge Pulse AC
- Air purge supply pressure: 0.1 ~ 0.5 MPa (CDA (Clean Dry Air), N2)
- Connection for air flushing: 1/8" pipe thread
- Ion balance: Within  $\pm 30$  V (at 1000 mm)
- Material of the main housing: Non-flammable ABS (Level V0)
- Electrode material: Tungsten (standard), Silicon / Titanium (SIE-4, optional)
- Operating conditions: 0 °C to 50 °C (32 °F - 122 °F), 35% - 85% RH, no condensation
- Mounting method: Bolt mounting with bracket
- Adjustable functions: Frequency [Hz] 1, 3, 5, 8, 10, 20, 30~100 (in 5 Hz units); Voltage [Level] 1 ~ 10
- Alarm function: Abnormal high voltage alarm, peak cleaning alarm (setting)
- Interfaces: Run state, remote, RS485, alarm (high voltage abnormal, tip cleaning)
- Working distance: 50 - 2000 mm
- Optional: RMS (Real Monitoring System), SBP-RD (DC Power Supply)

item number	WL70075
manufacturer	SIMCO
manufacturer item number	7520.SIB5.600.S
GPSR manufacturer information	SIMCO-ION TM Aalsvoort 74 NL-7241 Lochern www.simco-ion.de

length	637 mm
width	33 mm
height	94 mm
scope of supply	10 m connection cable with RJ45 plug 10 m signal cable with RJ45 plug Please note: Power supply unit and remote control are not included
order unit	1 piece
content unit	1 piece
ozone production	≤ 0,05 ppm
Number of emitters	8