

## **Technical Information**

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### **Top Gun3™ Ionising Air Gun** (Part No 36200003)



- Quickly neutralizes static charges
- Ergonomically designed features
- Air pressure supply needed between 1 and 6,8 bar
- For use in electronic and cleanroom manufacturing
- Replaceable filter (0,01µ)
- Variable air flow
- AC technology



#### **Applications:**

- Cleaning of LCD displays, flat panels, lenses etc.
- Neutralisation of static charges in electronic, optical and pharmaceutical industry
- Masks cleaning in IC manufacturing

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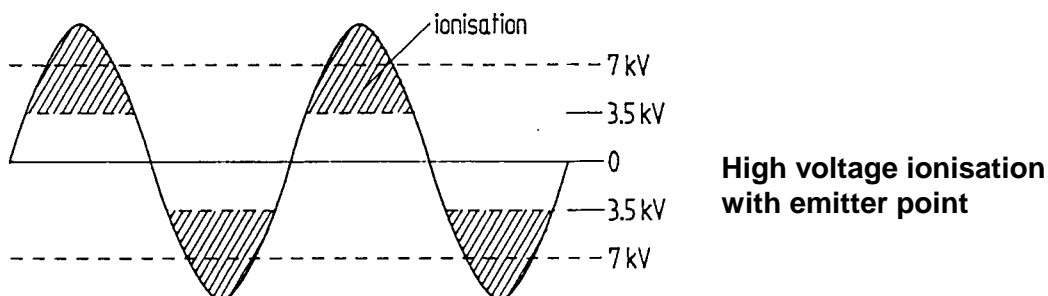
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### Technical data:

<b>Power supply:</b>	230V, 50Hz, 0,05A
<b>Input current:</b>	0,05 A
<b>High voltage:</b>	internal ca. 7 kV AC
<b>Offset voltage:</b>	Inherently balanced $\pm 15$ V
<b>Operating temp.:</b>	0° C to 40° C
<b>Dimensions:</b>	13,2 cm x 16,4 cm x 8,5 cm (W x H x D)
<b>Weight:</b>	2,7 kg (steel housing)
<b>AirGun:</b>	185g polycarbonate/ABS blend
<b>Filter:</b>	0,01 Mikron, replaceable
<b>Hose length:</b>	Controller to Gun = 2,1m (special version: 4,2m)
<b>Max. air pressure:</b>	7 bar
<b>Air connector:</b>	1/8" NPT

### Airflow, air pressure, noise, decay time:

<b>Pressure:</b>	<b>Airflow:</b>		<b>Noise:</b>	<b>Decay time:</b>
2 bar	0,068 m <sup>3</sup> /minute	68 Litre/minute	76 dB	1,3 sec. (15 cm)
4 bar	0,130 m <sup>3</sup> /minute	130 Litre/minute	89 dB	0,5 sec. (5 cm)
7 bar	0,210 m <sup>3</sup> /minute	210 Litre/minute	97 dB	



### **Ozone generation:**

0,001 ppm (measured 45 cm in front of the unit)

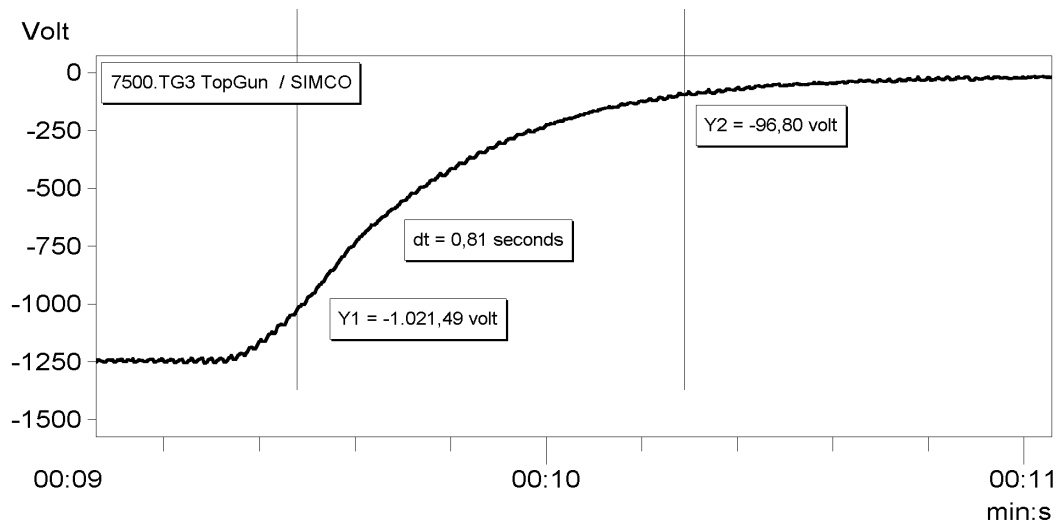
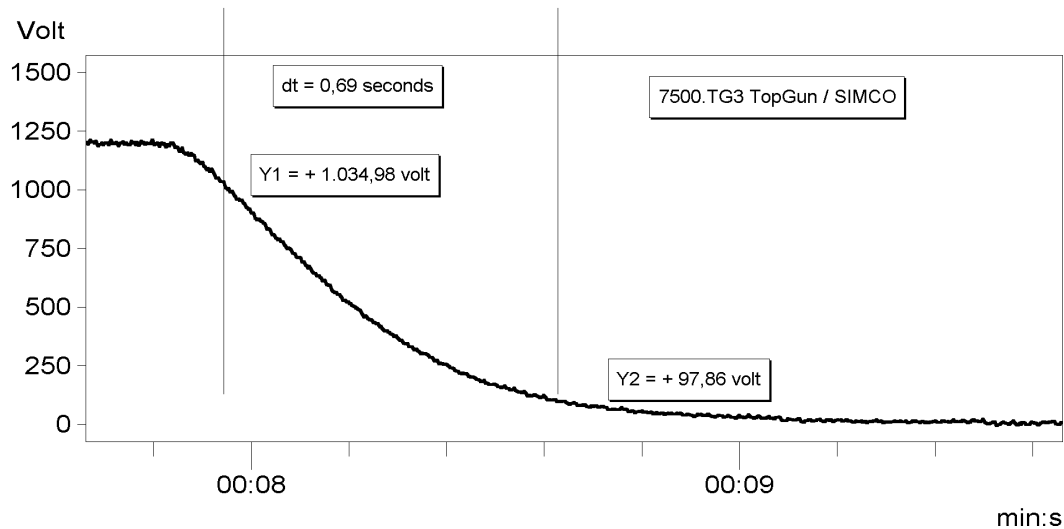
Maximum value according to DIN EN 100 015/1: < 0,1 ppm



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**Typical decay time 1.000 V to 100 V**  
(measurement according to EN 61340-5-1)



- Measured with a Charged Plate Monitor (CPM) Type EA-3 of SIMCO.  
**Distance:** 15 cm; **Relative Humidity:** 35 %; **Temperature:** 20° C **Air pressure:** 2 bar

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