

## **Technical Information**

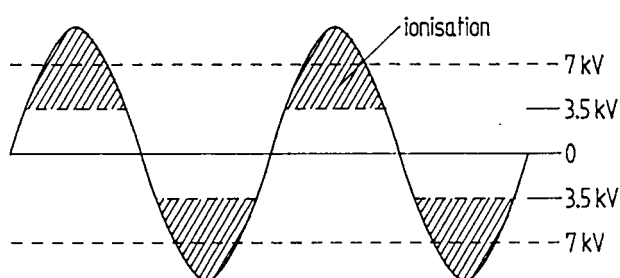
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### **Aerostat® XC (Benchtop Ionizer)**

- Quickly neutralizes static charges
- Good coverage of the work area
- Patented emitter point cleaner
- Integrated 3-speed fan and heater (to warm-up the ambient temperature by 6-8°C)
- AC technology
- Easy maintenance

#### **Applications:**

- Manufacturing of PCB's with ESDS devices
- Pharmaceutical industry, electronic assembly and production
- Manufacturing of optical components



**High voltage ionisation  
with emitter strip**

## Technical Information

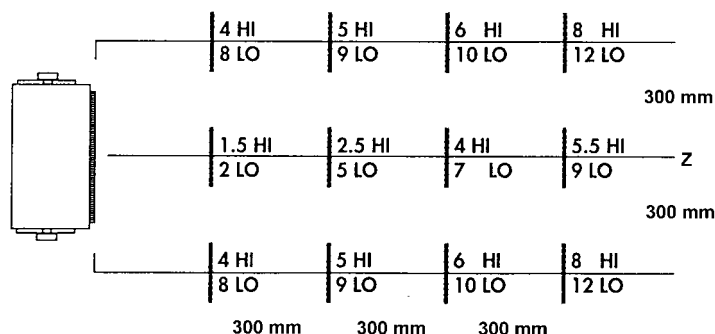
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### Technical data:

|                            |                                                           |
|----------------------------|-----------------------------------------------------------|
| <b>Power supply:</b>       | 230 V, 50 Hz                                              |
| <b>Input current:</b>      | min. 0,3 A (without heating)<br>max. 1,8 A (with heating) |
| <b>High voltage:</b>       | internal ca. 7 kV                                         |
| <b>Offset voltage:</b>     | Inherently balanced to $\pm 5$ V                          |
| <b>Area of ionisation:</b> | 90 cm x 180 cm                                            |
| <b>Operating temp.:</b>    | 0° C to 50° C                                             |
| <b>Dimensions:</b>         | 39 cm x 11,4 cm x 20,63 cm (W x H x D)                    |
| <b>Weight:</b>             | 7,9 kg (steel housing)                                    |

### Airflow adjustable in three steps:

| Step:  | Airflow:                   | Noise: |
|--------|----------------------------|--------|
| low    | 2 m <sup>3</sup> /Minute   | 52dB   |
| medium | 2,7 m <sup>3</sup> /Minute | 58dB   |
| high   | 3,5 m <sup>3</sup> /Minute | 64dB   |



**Decay time according to  
EN 61340-5-1  
(1.000 V to 100 V)**

Time in seconds,  
HI/LO = fan speed



### **Ozone generation:**

<0,005 ppm (measured 15 cm in front of the unit)

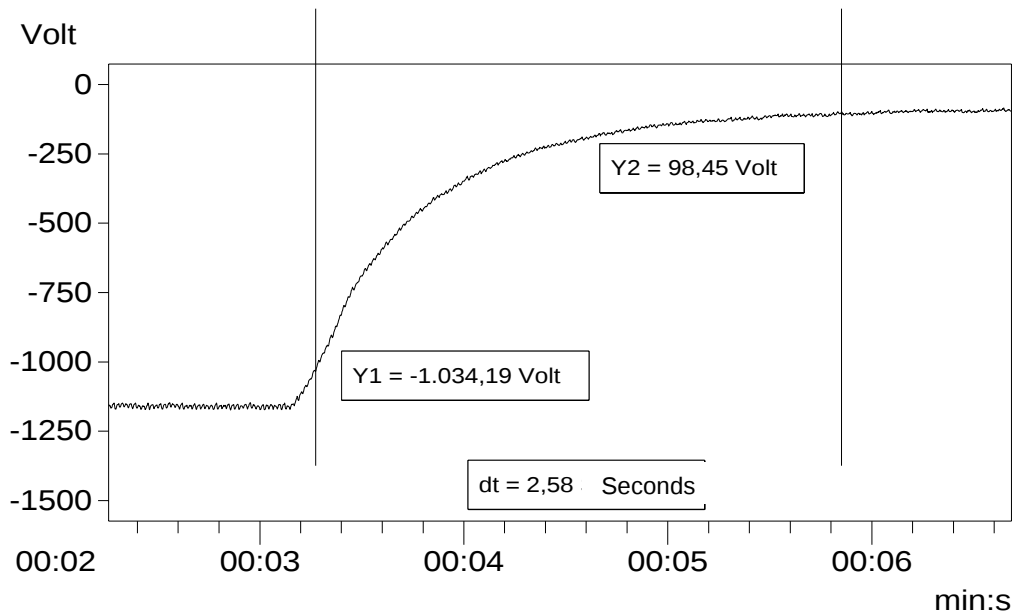
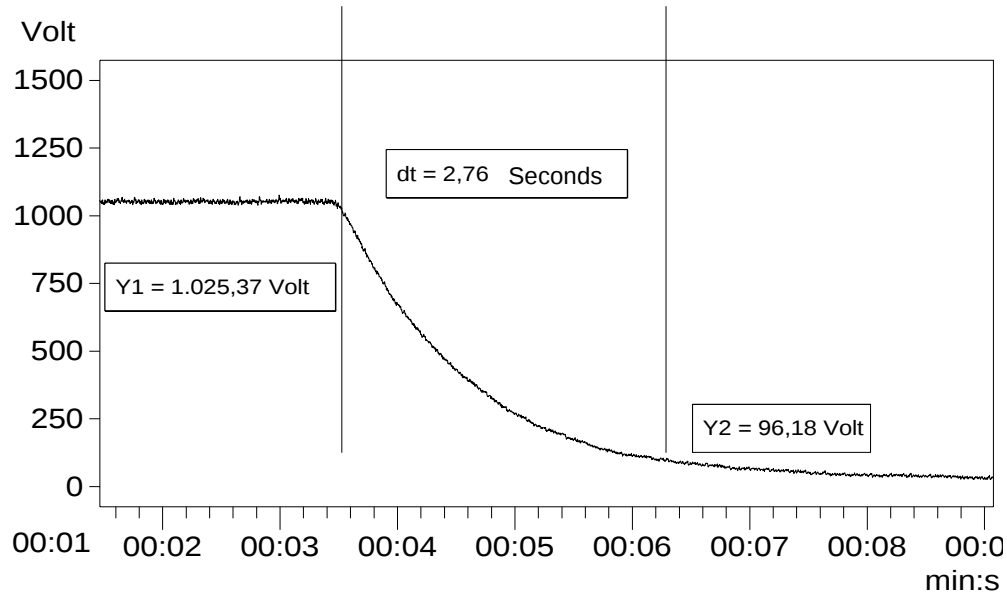
Maximum value according to DIN EN 100 015/1: < 0,1 ppm



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



**Distance:** 60 cm; **Relative Humidity:** 34 %; **Temperature:** 21° C