**TEKNO MAR®**

**PATHOGEN IONIZER**  
**XRETON-P UVION Mobile**

Mobile, Atmospheric Plasma Pathogen Ionizer with HEPA Filter

**Technical Specifications / Datasheet**

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**KULLANIM ALANLARI**

Patogen Ionizer is used for all areas where sterilization and hygiene are needed. Especially, hospital rooms (laboratories, examination rooms, clinics, etc.), where there is a risk of contamination (such as military wards, classrooms, banks, offices, government offices, etc.), hygienic workshops, at home in patients with LOW IMMUNE SYSTEMS and hazardous materials, Ethylene Agents and any environment where microorganisms are not desired.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>XRETON-P Uvion Mobile</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE</td>
<td>Mobile Type Mobile Atmospheric Plasma Pathogen Ionizer Hygienic Particle Reduction Device</td>
</tr>
<tr>
<td>CLASS</td>
<td>MODUL A - CLASS I</td>
</tr>
</tbody>
</table>

**PHYSICAL AND TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>EXTERIOR DIMENSIONS (W-D-H) (mm))</th>
<th>320 x 320 x 820</th>
</tr>
</thead>
<tbody>
<tr>
<td>DELIVERY PACKAGE SIZES (cm)</td>
<td>35 x 35 x 87</td>
</tr>
<tr>
<td>WEIGHT (kg)</td>
<td>22</td>
</tr>
<tr>
<td>WORKING MODE</td>
<td>Positive Loop Within the Environment</td>
</tr>
<tr>
<td>PROGRAMS</td>
<td>3 Different Modes</td>
</tr>
</tbody>
</table>

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### H13 / H14 MAIN FILTER SIZES (mm)

- 240 x 240 x 150

### TOTAL AIR CHANGE CAPACITY

- 600 (1500m³ / h capacity can be reached according to models)

### EFFECTIVE AREAS

- Average Effective Field Capacity 80m³ Volume

### PARTICLE DECONTAMINATION

- At the level of 0.3 μm within the first hour, 96% ≤ particulate decontamination

### BIO DECONTAMINATION

- 96% ≤ bio decontamination within the first hour

### BIO DECONTAMINATION ACTIVITY

- Non-Filterable Resistant Long Ethylene Agents, All Types of Microorganisms, Virus, Influenza, RSV Pathogens, Mold, Mushroom, etc.

### HEPA RETENTION RATIO

- 0.3 - 0.5 Micrometer Particle Size Filtration Activity

### HEPA PERFORMANS

- %99,998

### DEVICE CHASSIS

- Stainless steel

### SOUND VOLUME (1 m)

- 55 dB

### AIR FLOW METHOD

- Horizontal Loop Laminar Flow

### AIR SUCTION FORM

- Under the device with Carbon Filter

### ELECTRICAL INFORMATION

- 220-230V AC 50-60 Hz, 0,8 kW

### SAFETY CLASS

- IP20 / EN 60601-1-2:2016

### REMOTE

- Remote controller which is easier to operate and convenient.

### SOFTWARE

- PLC

### MENU LANGUAGE

- Turkish - English

### ALARM

- Audible and Visual Warning with Error Codes, Alarm Codes

### PASSWORD PROTECTION

- User Password and Technical Service Password

### AMBIANT AIR SUCTION FILTER

- G4 CARBON FILTER

### UVION MODULE

- Atmospheric Plasma
  - Negative Ion Generator

### ION GENERATOR

- TiO₂, AgI, CuS coated cylindrical boroxylate glass tube ion generator

### ATMOSPHERIC PLASMA

- HV (5000 V plasma) source

### UV LAMP

- 4 pieces 15W UVC 254 nm germicidal lamp

### CERTIFICATES

- ISO 9001: YES
- ISO 13485: YES
- EC CERTIFICATE: YES
- FREE SALES CERTIFICATE: YES
- USABILITY TEST APPROVAL: YES

### MAINTENANCE PERIOD AND MAINTENANCE KIT

<table>
<thead>
<tr>
<th>Component</th>
<th>Maintenance Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAIN FILTER HEPA 14 (1 PCS)</td>
<td>1 Time Every 6 Months</td>
</tr>
<tr>
<td>AMBIENT AIR G4 CARBON FILTER (1 Pcs)</td>
<td>1 Time Every 6 Months</td>
</tr>
<tr>
<td>UV LAMP (4 PCS)</td>
<td>1 Time Per Year</td>
</tr>
<tr>
<td>UVON PATHOGEN IONIZER UNIT (1 SET)</td>
<td>1 Time Per Year</td>
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</tbody>
</table>