



PATHOGEN IONIZER
XRETON-P UVION Mobile

Mobile, Atmospheric Plasma Pathogen Ionizer with HEPA Filter

Technical Specifications / Datasheet



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.

MODEL	XRETON-P Uvion Mobile
TYPE	Mobile Type Mobile Atmospheric Plasma Pathogen Ionizer Hygienic Particle Reduction Device
CLASS	MODUL A - CLASS I
PHYSICAL AND TECHNICAL SPECIFICATIONS	
EXTERIOR DIMENSIONS (W-D-H) (mm))	320 x 320 x 820
DELIVERY PACKAGE SIZES (cm)	35 x 35 x 87
WEIGHT (kg)	22
WORKING MODE	Positive Loop Within the Environment
PROGRAMS	3 Different Modes



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H13 / H14 MAIN FILTER SIZES(mm)	240 x 240 x 150
TOTAL AIR CHANGE CAPACITY (m3/h)	600 (1500m3 / h capacity can be reached according to models)
EFFECTIVE AREAS	Average Effective Field Capacity 80m ³ 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	TiO ₂ , 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	
MAIN FILTER HEPA 14 (1 PCS)	1 Time Every 6 Months
AMBIENT AIR G4 CARBON FILTER (1 Pcs)	1 Time Every 6 Months
UV LAMP (4 PCS)	1 Time Per Year
UVON PATHOGEN IONIZER UNIT (1 SET)	1 Time Per Year