

PHOENIX MB72

UV-C EXPOSURE DETAILS

THE FIRST PROFESSIONAL AV BIO-SAFETY SYSTEM THAT YOU CAN TRUST, DESIGNED TO ENSURE SAFE AND EASY EXPOSURE OF ALL YOUR PERSONAL AV EQUIPMENT TO THE CORRECT REQUIREMENTS

EASY USE

Designed and tested to ensure adequate exposure of even the more intricate parts of equipment with one button fail-safe operation, something that most other units don't consider.

CORRECT CALCULATED DOSE FOR COMMON AV EQUIPMENT

Common devices normally are engineered to provide a dosage that is either only adequate for hard surface decontamination, or leave it to the customer, on site, to be responsible for calculating dosage. Many units are only intended for casual decontamination of hard surface personal items like mobile phones or jewellery. Microphones are actually inserted directly into an artists respiratory path and *MUST* be treated as an item that needs to be *CLINICALLY* clean in the same way a dentist or doctors tools must. Treating it as a hand held casual device like a mobile phone is dangerously inadequate, negligent even.

CALCULATED TO KILL ALL RELEVANT PATHOGENS

Factory set dose calculated to provide adequate exposure of all parts to internationally, scientifically, recognised levels, proven in laboratory studies, adequate to kill most common pathogens including SARS Cov-2.

CORRECTLY EXPOSES HARD TO REACH PARTS OF MOST COMMUNICATIONS EQUIPMENT

Excessive dosage, way above commonly available consumer units designed to ensure that even poorly loaded or complex items receive adequate recommended exposure under operating conditions.

CORRECT PRESENTATION OF ITEMS FOR EXPOSURE

Large exposure chamber fitted with carefully positioned geometrically opposed high power light sources in a diffuse reflective chamber to reduce to a minimum any possible shadows. This assures that all sides of any items placed in the chamber always get the correct dosage when used with correct support systems. There is no need to turn-over any items to ensure correct exposure, (can lead to accidental cross contamination of surfaces) it is unlikely any correctly inserted item will have unexposed sides.

GUARANTEED CERTIFIED EXPOSURE TIMES IN A PRODUCTION ENVIRONMENT

Foolproof operation. So long as the items are correctly placed on the support structures, the one-button pre-set dose operation ensures that there is no way the unit can display a green "Complete" light without all items having been correctly exposed. The process cannot be interrupted interfered with, or items added or removed, and then the green complete light be incorrectly displayed at the end. Users cannot select incorrect dosage or operate the machine erroneously. There is only one possible outcome when the green light is displayed, correct exposure dose.

MEASURED DIRECT SURFACE EXPOSURE - 2.5 TO 5MW/CM²

LIGHT SOURCE UVC OUTPUT - 2X10W CERTIFIED

CHAMBER SURFACE REFLECTIVITY - 50%

STANDARD TIME AVERAGED EXPOSURE DOSAGE - ~.72W/CM²

DISINFECTION 99.9% MW/CM²/SEC

BACTERIUM COLI (IN AIR)	2.1
LEGIONELLA PNEUMOPHILA	2.76
DYSENTERY BACILLI	6.6
BACCILLUS TUBERCULI	30
INFECTUS HEPATITIS	174
INFLUENZA 1	10.2
COVID 19	20

ALL OPERATION AND EXPOSURES MUST BE CARRIED OUT IN ACCORDANCE WITH A SPECIFIC RISK ASSESSMENT FOR THE ITEMS IN QUESTION, PATHOGEN, AND TYPE OF USE THEY ARE UNDER. DOSAGE SHOULD BE MEASURED ON-SITE TO ENSURE CORRECT PROCESSING. (ALTERED EXPOSURE TIMES AVAILABLE ON REQUEST)

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