



## **AUVS Germicidal UV Enclosure Functional Specifications**

The UV Decontamination Box (KR615) is designed to decontaminate non-critical items, and protect staff, visitors and patients from cross contamination with MRSA and C-Diff.

*Product Functionality:* The AUVS KR615 unit operates with a standard 110-volt outlet. Power switch on illuminates the green power light. The front door knob opens and locks the door. Device to be decontaminated is placed on the quartz rods. The door is closed the knob is turned to lock door. Red button initiates decontamination cycle for a preset 55 seconds. Red light goes off; green light illuminate's decontamination cycle is complete.

*Product Description:* There are two versions of the KR615, a medium KR615 and a large one KR615-L that can accommodate a full size iPad.

KR615, UV-Box is 10" tall x 7" deep x 20" wide, weighs 10lbs and consists of an inner chamber and outer heavy duty Aluminum box. The inside chamber available space for mobile devices placed on the quartz rods in 3.5 inches tall, 6 inches deep and 15.5 inches wide.

KR615-L, UV-Box is 10" tall x 10" deep x 20" wide, weighs 10 lbs., and consists of an inner chamber and an outer heavy duty Aluminum box. The inside chamber available space for mobile devices placed on the quartz rods is 3.5 inches tall, 8 inches deep, and 15.5 inches wide.

Two 17W UV lamps, 425mA current, 42 V lamp voltage, with a 6 W output at 253.7nm, with average rated life of 16,000 hours at 85% at 253.7nm at the end of the lamps life. Lamps are wired in series, if one lamps burn out the unit does not function. A blue bubble illuminates to indicate the lamps are operational. A safety switch turns lamps off is the door is opened before cycle is complete. The UV Box can be wall mounted, desktop or mounted to a cart

*Maintenance Requirements:* UV chamber is dirty, inside reflectors in the box can be cleaned using a mixture of alcohol and water (1:1). Residues of alcohol based cleaning products are easily wiped away with a water-soaked cotton cloth. The outside of the box is aluminum, similar construction to any medical carts, whatever you use to clean them is fine.

*Product Testing and Listing:* The UV Box has been tested and protocol developed by FDA consulting laboratories Quadrants Scientific Inc. of San Diego California. Results and protocol available upon request. Unit has also been tested by the ECRI Institute. UL testing shown.



# CERTIFICATE

No. UB 16 05 95583 001

**Holder of Certificate:** Advanced UltraViolet Systems LLC

2427 Craig Mill Rd.  
South Hill VA 23970  
USA

**Production Facility(ies):** 95582

**Certification Mark:**



**Product:** Electrical eq. for measurement, control and laboratory use  
In-Room Germicidal Enclosure

**Model(s):** KR-615

**Parameters:**

Rated Input Voltage:	120 VAC
Rated Frequency:	60 Hz
Rated Input Current:	1.0 A
Protection Class:	I
Degree of Protection:	IPX0

**Tested according to:** CAN/CSA C22.2 No. 61010-1:2012  
UL 61010-1:2012  
EN 61010-1:2010

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in anyway. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC Guide 67. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a standards Council of Canada accredited certification body.

**Test report no.:** 72115070-000

**Date,** 2016-05-17  
**Page** 1 of 1



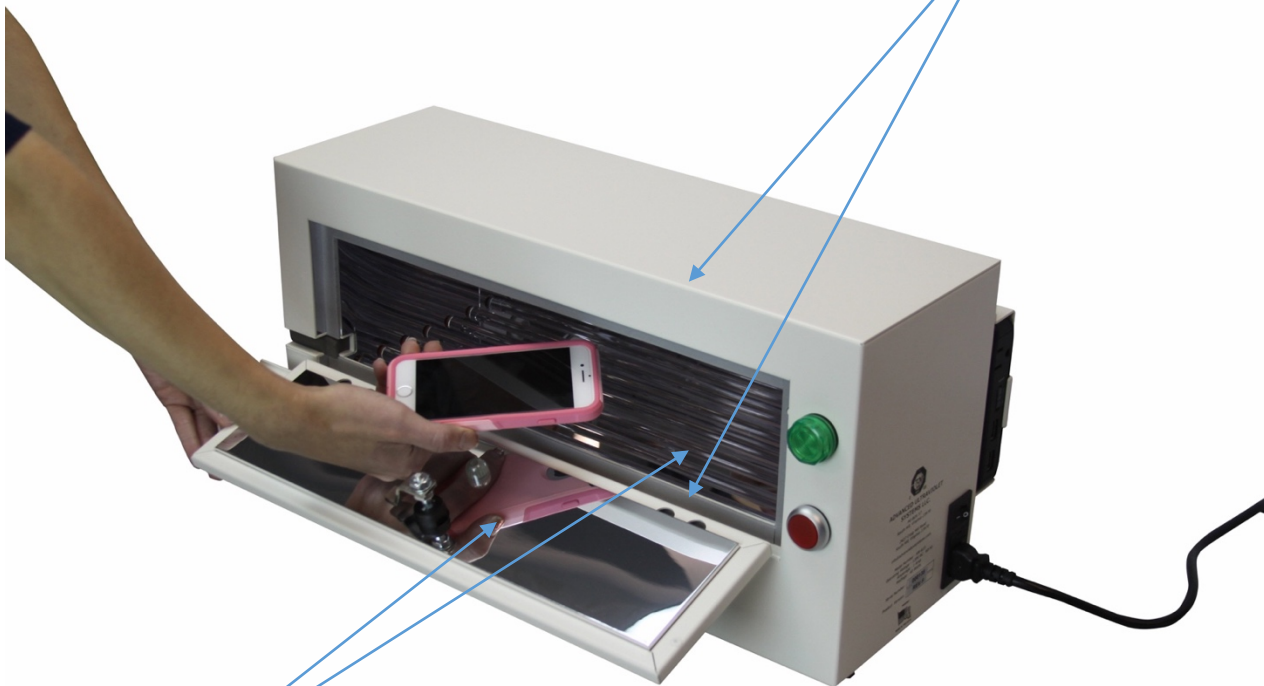
Lock UV-Box door turn dial to start cycle

Power is on light, turns green and red lamp/switch



Bubble turns blue when the UV lights are on

UV lamps top and bottom of the UV-Box



Reflective interior and Quartz Rods

