

MODEL 20/80-UV Ultra-Violet (UV) disinfection

The UV model has four (4) UV lamps. Two UV lamps are positioned inside the wash chamber at the top on both sides pointing down onto equipment. Two additional UV lamps are located in the back pointing to the front of equipment. These positions were determined for the best high touch areas of a wheelchair and commodes.

Prior to UV disinfection, equipment is washed and rinsed to provide a clean surface for disinfection which is always recommended for liquid or UV disinfection. Independent lab testing confirmed that when the lamps were on for 3 minutes after the wash and rinse cycle, there was a complete reduction of C-Diff, MRSA and CRE pathogens on steel disk carriers. Total time to wash, rinse and apply UV disinfection was 6 minutes.

In addition to the standard disinfection process of washing and rinsing equipment before disinfecting, a UV only disinfection cycle can be selected if equipment surfaces are clean. Increasing the dosage time from 3 minutes to 5 minutes is recommended for a UV only function.

Automatic reminders based on the number of cycles are displayed for cleaning lamps and testing UV efficacy. Testing efficacy is done by placing a test card in the wash chamber and doing a UV only function. If the test card matches the same color as C-Diff level, the efficacy is still at expected levels.

The model 20/80-UV can also include a Concentrate or Ready To Use liquid disinfectant as an option. This option may be appropriate for equipment that does not require higher levels of disinfection.