

## What precautions should be taken when using UV disinfection equipment?

- 1. Is the disinfection equipment you use are certified by the P4 highest level biological laboratory?**
  - (1) Is there a laboratory report with a qualified disinfection effect?
  - (2) Do you have a complete verification report for COVID-19, MRSA, CDI, and other highly infectious bacteria/viruses?
  - (3) Does the verification report show that bacteria/viruses no longer multiply and completely lose transmission ability after disinfection?
- 2. What's the photoelectric radiation power (ultraviolet disinfection intensity) of the illuminant of the disinfection equipment you use?**
  - (1) Intense pulsed light: Rapid!xp Solis 1,530 W/m<sup>2</sup> (single light source);  
Rapid!xp Duplex 3,570 W/m<sup>2</sup> (dual light source)
  - (2) LED UVC: 0.0008 W/m<sup>2</sup> (per piece)
  - (3) UVC: 11.6 W/m<sup>2</sup> (per tube)
- 3. Do you accurately use disinfection equipment?**
  - (1) Do you calculate the number of equipment and disinfection time according to the space size and disinfection target?
  - (2) Do the equipment specifications and usage methods achieve the standard of disinfection?
- 4. Does the disinfection equipment you use equip safety protection measures?**
  - (1) Movement sensing / Door opening and closing sensing / Human presence sensing
  - (2) Sound and light alarm / APP alarm
- 5. Does the disinfection equipment you use have an international certificate for electrical safety certification?**
  - (1) Electrical TUV / UL Safety Certificate
  - (2) Environmental protection CE / FCC / ROHS / Use Certificate
- 6. Does the disinfection equipment you use fully operate 365-day automated?**
  - (1) Fully automated equipment
  - (2) Monitoring of disinfection effect
  - (3) Remote control operation settings
  - (4) Scheduled operation management
  - (5) Device networking: one set to control multiple devices
- 7. What is the cost of consumables for the disinfection equipment you use?**
  - (1) What is the life expectancy of consumables?
  - (2) Does the disinfection effect decrease with time of use?
  - (3) Do consumables need to be replaced frequently?
  - (4) Are consumables environmentally friendly?
- 8. What is the long-term cost of the disinfection equipment you use?**
  - (1) Equipment purchase cost
  - (2) Cost of consumables
  - (3) Cost of workforce operation expenses
  - (4) Electricity cost
  - (5) Maintenance/Obsolete/Scrap Recovery Costs

