



# Ozone Test Chamber



## OZONE TEST CHAMBER LOC-A1 SERIES

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This device is specifically designed to detect the concentration of ozone with the help of ozone detector. Along with low maintenance and noiseless generator this machine has a well-built corrosion resistant body.

### Features

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- PID programmable controller with LED touch screen display
- Equipped with UV detector to detect the concentration of ozone
- Designed with combination of three control systems- PLC, HMI and SOC
- Incorporated with protection module for safety voltage
- Solid and durable structured closed-type compressor unit
- User-friendly and reliable
- Stable and require low maintenance
- Consists of highly efficient low noise ozone generator
- Made up of corrosion resistant stainless steel body



### Application:

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Applied to various industries such as automobile, rubber & plastics, packaging, medical equipment, colleges and universities, research laboratories etc.

## OZONE TEST CHAMBER LOC-A1 SERIES

### Technical Parameters:

| Model                      | LOC-A10   | LOC-A11       | LOC-A12        |
|----------------------------|---|---------------|----------------|
| Internal dimensions (mm)   | 400*500*500   | 600*600*700   | 700*800*900    |
| Overall dimensions (mm)    | 860*1050*1620   | 960*1150*1860 | 1180*1350*2010 |
| Diameter of holder (mm)    | 350   | 400           | 600            |
| Length of each side (mm)   | 150   | 180           | 220            |
| Temperature range          | 0°C~100°C   |               |                |
| Humidity range             | 30% - 98%R.H  |               |                |
| Temperature fluctuation    | ±0.5°C  |               |                |
| Speed rate for cooling     | Ambient~ 0°C within 20 min                              |               |                |
| Timing range               | 0~999 hours   |               |                |
| Ozone concentration        | 1~1000PPHM  |               |                |
| Sample holder rotate speed | 0~10 r/min (adjustable)                                 |               |                |
| Clamps tensile stretch     | 5%~35%  |               |                |
| Max. ozone concentration   | 120gO <sub>3</sub> /m <sup>3</sup>                      |               |                |
| Ozone output               | 3.5gO <sub>3</sub> /h ((oxygen input, flow rate 100L/h) |               |                |
| Nominal power              | 5500W   | 6000W         | 7500W          |
| Power & voltage            | AC380V 50HZ   |               |                |

## OZONE TEST CHAMBER LOC-A1 SERIES

### Technical Parameters:

| Model                      | LOC-A13   | LOC-A14        |
|----------------------------|---|----------------|
| Internal dimensions (mm)   | 800*1000*1000   | 1000*1000*1000 |
| Overall dimensions (mm)    | 1280*1550*2110  | 1500*1550*2110 |
| Diameter of holder (mm)    | 700   | 900            |
| Length of each side (mm)   | 350   | 460            |
| Temperature range          | 0°C~100°C   |                |
| Humidity range             | 30% - 98%R.H  |                |
| Temperature fluctuation    | ±0.5°C  |                |
| Speed rate for cooling     | Ambient~ 0°C within 20 min                              |                |
| Timing range               | 0~999 hours   |                |
| Ozone concentration        | 1~1000PPHM  |                |
| Sample holder rotate speed | 0~10 r/min (adjustable)                                 |                |
| Clamps tensile stretch     | 5%~35%  |                |
| Max. ozone concentration   | 120gO <sub>3</sub> /m <sup>3</sup>                      |                |
| Ozone output               | 3.5gO <sub>3</sub> /h ((oxygen input, flow rate 100L/h) |                |
| Nominal power              | 9000  | 11000W         |
| Power & voltage            | AC380V 50HZ   |                |



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