



PACIFIC WATER TECHNOLOGY

# PLC TOUCH SCREEN CONTROL PLATE TYPE HIGH CONCENTRATION OZONE GENERATOR





## FEATURE

High-voltage electrode material: high-hardness 6063 aluminum alloy, heat treatment before processing to eliminate thermal deformation after processing, and passivation treatment on the surface to prevent ozone corrosion.



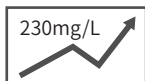
Dielectric material: high alumina ceramics. Dielectric constant: 9.6.



Built-in PSA high purity oxygen generator, pressure up to 1.2bars.



PLC touch screen control.



High concentration up to 230mg/L.

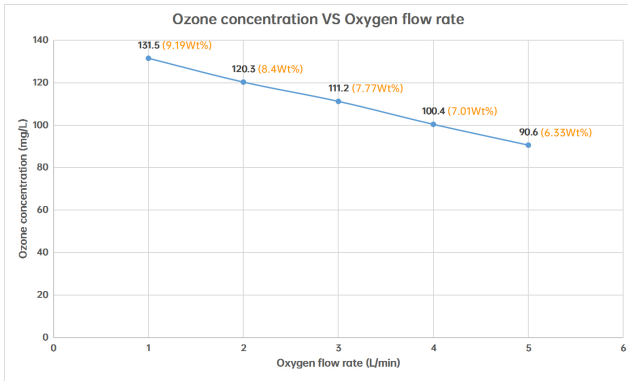


Cooling method: efficient double water cooling structure.

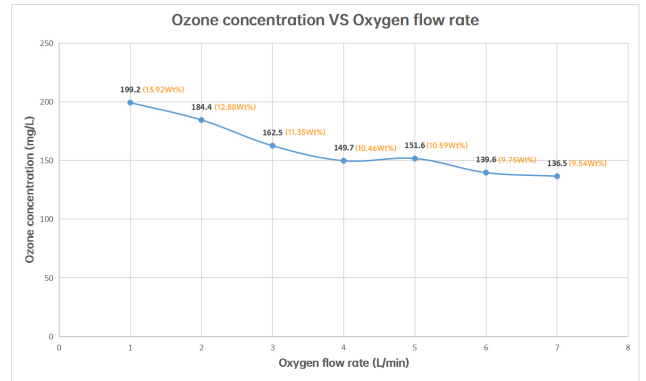




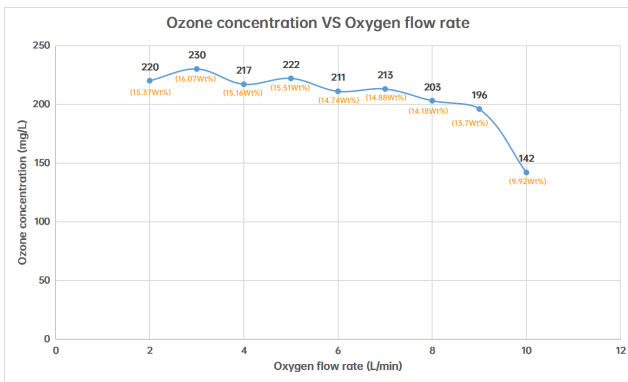
# COMPARISON



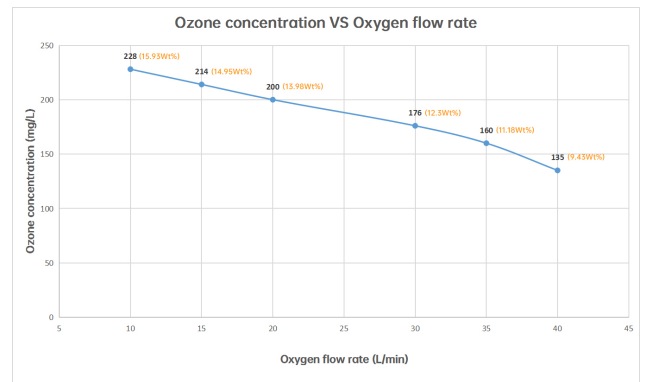
**DNO-25G-P**



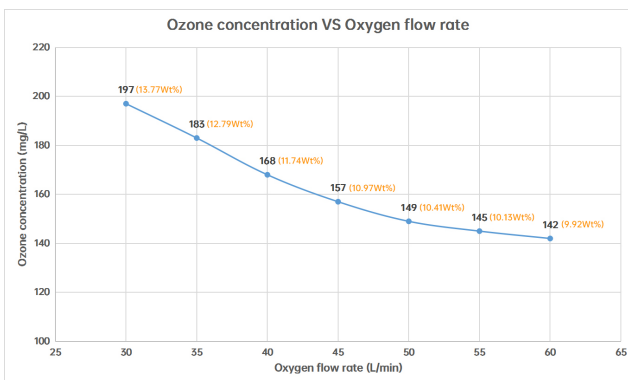
**DNO-50G-P**



**DNO-100G-P**



**DNO-300G-P**



**DNO-500G-P**



## SPECIFICATIONS

| Model            | Ozone output | Power | Oxygen flow rate | Net weight | Dimension   | Cooling method | Voltage | Gas feeding |
|------------------|--------------|-------|------------------|------------|-------------|----------------|---------|-------------|
| <b>DNO-25G-P</b> | 25g/h        | 800w  | 5L/min           | 40kg       | 50*40*91cm  | Air cooled     | 220     | Oxygen      |
| <b>DNO-50G-P</b> | 50g/h        | 1500w | 7L/min           | 70kg       | 50*40*115cm | Water cooled   | 220     | Oxygen      |

|                          | DNO-100G-P                                     | DNO-300G-P           | DNO-500G-P           |
|--------------------------|--|----------------------|----------------------|
| Ozone machine parameters | Gas feeding                                    | Oxygen               | Oxygen               |
|                          | Oxygen flow rate                               | 12L/min              | 40L/min              |
|                          | Ozone output                                   | 100g/h               | 300g/h               |
|                          | Power  | 2.1KW                | 2.6KW                |
|                          | Dimension                                      | 60*50*140cm          | 70*60*140cm          |
|                          | Net weight                                     | 103kg                | 107kg                |
|                          | Ozone concentration                            | 142-230mg/L          | 135-228mg/L          |
|                          | Adjustable ozone output                        | 0-100%               | 0-100%               |
|                          | Intake port size                               | Φ10mm                | Φ12mm                |
|                          | Outlet port size                               | Φ10mm                | Φ10mm                |
| Cooling medium           | Cooling water consumption                      | 2m3/h                | 2m3/h                |
|                          | Rated temperature                              | 23°C                 | 20°C                 |
|                          | Temperature rise in inlet and outlet           | 3-5°C                | 3-5°C                |
|                          | Dimensions of inlet and outlet water interface | DN15                 | DN15                 |
| Ozone Power Requirements | Voltage  | 220VAC               | 220VAC               |
|                          | Frequency                                      | 50-60Hz              | 60Hz                 |
|                          | Power supply connection                        | 3×1.5mm <sup>2</sup> | 3×2.5mm <sup>2</sup> |
|                          | Power factory                                  | 0.96cos              | 0.96cos              |
|                          | Power consumption                              | 1.1KW                | 2.3KW                |



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