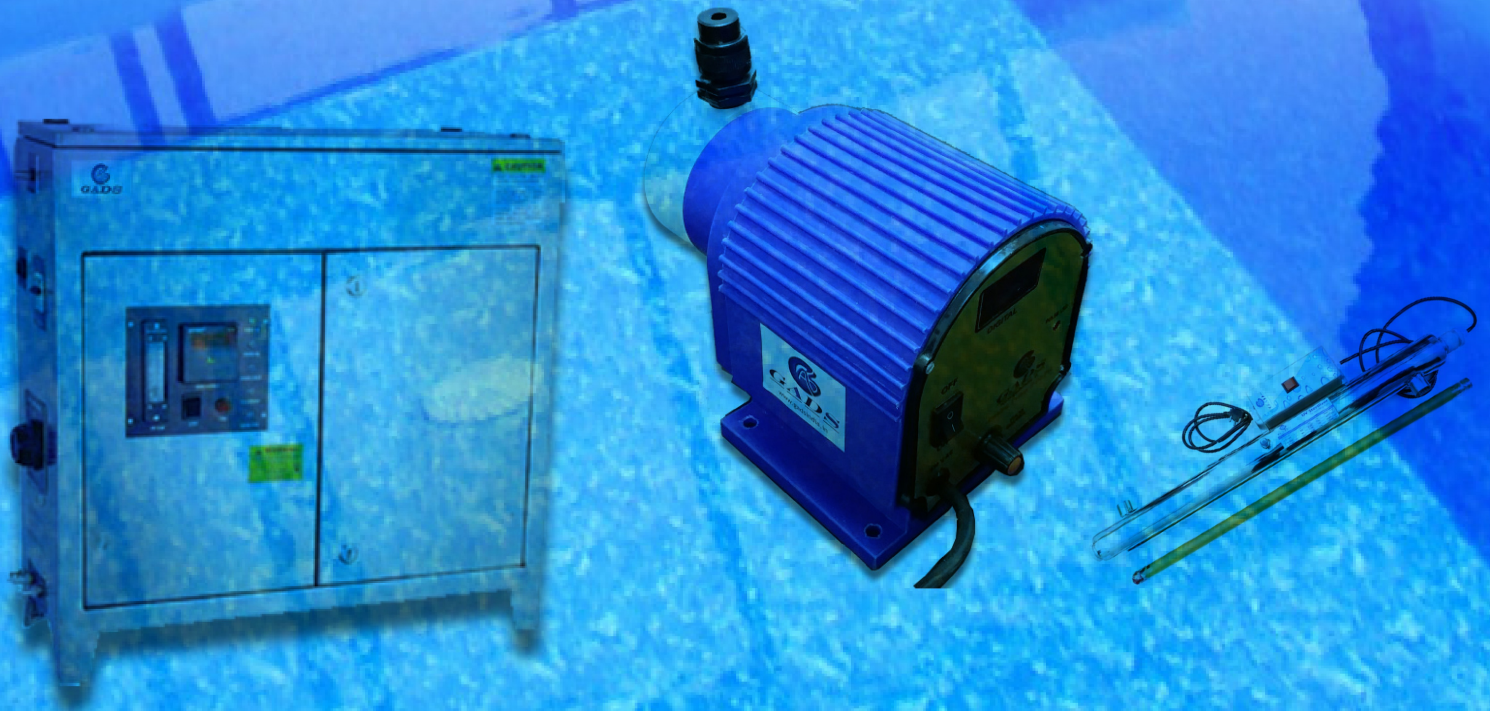


# Water Treatment



**Ozone Generator ◀**

**Dosing Pump ◀**

**UV Sterilizer ◀**

# Ozone Generator

## Manufacturing Standard

Protection Class : IP 52

Design Standard : SN-EN, IEC, ISO

Protection class : IP 42

## Material used for

Enclosure : Powder coated mild steel/stainless steel

Parts in contact with ozone : SS-316, PTFE, PVDF, Viton

Parts in contact with water : PE, Brass, SS- 304/316



| Technical Specification |                          |        |                                       |        |                |     |           |
|-------------------------|--------------------------|--------|---------------------------------------|--------|----------------|-----|-----------|
| Code No.                | Ozone Production (gm/hr) |        | Module Pressure (Kg/cm <sup>2</sup> ) |        | Feed Gas (LPM) |     | Power (W) |
|                         | Dry Air                  | Oxygen | Air                                   | Oxygen | Oxygen         | Air |           |
| OZ-3010G1               | 0.50                     | 1.0    | 0.75                                  | 0.40   | 1.0            | 1.0 | 60        |
| OZ-3010G2               | 0.95                     | 2.0    | 0.75                                  | 0.40   | 1.5            | 1.5 | 70        |
| OZ-3010G5               | 2.5                      | 5.0    | 0.75                                  | 0.45   | 3.0            | 3.0 | 140       |
| OZ-3010G10              | 5.0                      | 10     | 0.80                                  | 0.50   | 4.0            | 5.5 | 170       |
| OZ-3010G20              | 9.8                      | 20     | 0.80                                  | 0.55   | 5.0            | 9.5 | 228       |
| OZ-3010G25              | 12.2                     | 25     | 1.0                                   | 0.55   | 6.0            | 10  | 235       |
| OZ-3010G40              | 20                       | 40     | 1.1                                   | 0.60   | 8.0            | 17  | 280       |



## Dosing Pump

Dosing pumps for vertical installation with electronic flow regulated by the number of injections.

Power supply for constant energy :

- Guarantees power stability and piston course ensures a superior life time
- Durably and more precise dosing
- Integrates pH and potential
- Redox (ORP) measurement systems.
- Conductivity and adapters for cold turns.



| Technical Specifications   |                  |                  |                  |                  |
|----------------------------|------------------|------------------|------------------|------------------|
| Code No.                   | DP-301001        | DP-301002        | DP-301003        | DP-301004        |
| Body                       | PP Galss Filled  | PP Galss Filled  | PP Galss Filled  | PP Galss Filled  |
| Head                       | PP Plastic       | PP Plastic       | PP Plastic       | PP Plastic       |
| Housing                    | Mild Steel       | Mild Steel       | Mild Steel       | Mild Steel       |
| Diaphragm                  | Teflon           | Teflon           | Teflon           | Teflon           |
| NRV Ball                   | Teflon           | Teflon           | Teflon           | Teflon           |
| Non-Retern Valve           | PP               | PP               | PP               | PP               |
| Suction & Discharge Tubing | PP               | PP               | PP               | PP               |
| Supply Voltage             | 230V AC, 50Hz    | 230V AC, 50Hz    | 230V AC, 50Hz    | 230V AC, 50Hz    |
| Piping                     | 6/8mm            | 6/8mm            | 6/8mm            | 6/8mm            |
| Max. Flow Rate             | 0-6 LPH          | 0-10 LPH         | 0-12 LPH         | 0-20 LPH         |
| Empty Fluid Sense          | 5V DC for Sensor | 5V DC for Sensor | 5V DC for Sensor | 5V DC for Sensor |
| P.C.B                      | Glass Epoxy      | Glass Epoxy      | Glass Epoxy      | Glass Epoxy      |
| Flow Rate with 4 KGCM      | 0-6 LPH          | 0-10 LPH         | 0-12 LPH         | 0-20 LPH         |

## UV Sterilizer



| Technical Specifications             |               |               |               |               |
|--------------------------------------|---------------|---------------|---------------|---------------|
| Code No.                             | UV-301016W    | UV-301040W    | UV-301080W    | UV-3010160W   |
| Max pool Capacity                    | 15000         | 40000         | 75000         | 150000        |
| Max Flow                             | 7200          | 20000         | 25000         | 30000         |
| Max Working Pressure                 | 4 bar         | 4 bar         | 4 bar         | 4 bar         |
| Diameter Unit $\Phi$                 | 75            | 75            | 75            | 115           |
| Length Unit (in MM)                  | 450           | 975           | 975           | 975           |
| Diameter In-Outlet $\Phi$            | 63-50mm       | 63-50mm       | 63-50mm       | 63-50mm       |
| Material of Construction             | SS-316        | SS-316        | SS-316        | SS-316        |
| Ballast Type                         | Electronic    | Electronic    | Electronic    | Electronic    |
| Supply Voltage                       | 220V AC, 50Hz | 220V AC, 50Hz | 220V AC, 50Hz | 220V AC, 50Hz |
| Maximum Current                      | 0.29 Amp      | 0.29 Amp      | 0.57 Amp      | 1.1 Amp       |
| Lamp Wattage                         | 16 W          | 40 W          | 80 W          | 160W          |
| Wave Length                          | 253.7         | 253.7         | 253.7         | 253.7         |
| Lamp Voltage                         | 43            | 94            | 97            | 70            |
| Lamp Current                         | 0.4           | 0.43          | 0.80          | 2.1           |
| UV-C 100h Output (W)                 | 3.9           | 15            | 25            | 50            |
| $\mu\text{W}/\text{cm}^2$ at 1 Meter | 39            | 144           | 230           | 468           |
| Lamp Type                            | UV-C 16 W     | UV-C 40 W     | UV-C 80 W     | UV-C 80 WX2   |
| Chemical Reduce                      | 80%           | 80%           | 80%           | 80%           |
| Weight (in KG)                       | 3.5           | 4.5           | 4.5           | 7.5           |

UV in larger capacities are also available