



**ELTECH OZONE PVT LTD** is the group company of **ELTECH ENGINEERS PVT LTD**, established in 1992. Eltech Ozone Pvt Ltd is an ISO 9001: 2015 and CE certified Indian Company manufactures different types of Ozone Generators from 1gm/hr to 2 kg/hr.

Eltech Engineers Pvt Ltd is an Independent and worldwide active company for Research, Development, Production and Sale of High graded. All the products are ISO & CE certified.

Eltech Ozone Pvt Ltd is formally for Ozone Generators virtually applications like Waste Water Treatment, Sewage Water Treatment, Effluent Water Treatment, Packaged Drinking Water, Swimming Pool, Laundry, Cooling Tower Water Treatment and Air Purification etc.

We are located in Mumbai, Dahisar at Diamond Industrial Estate, Near Dahisar Toll Plaza, Off Western Express Highway.

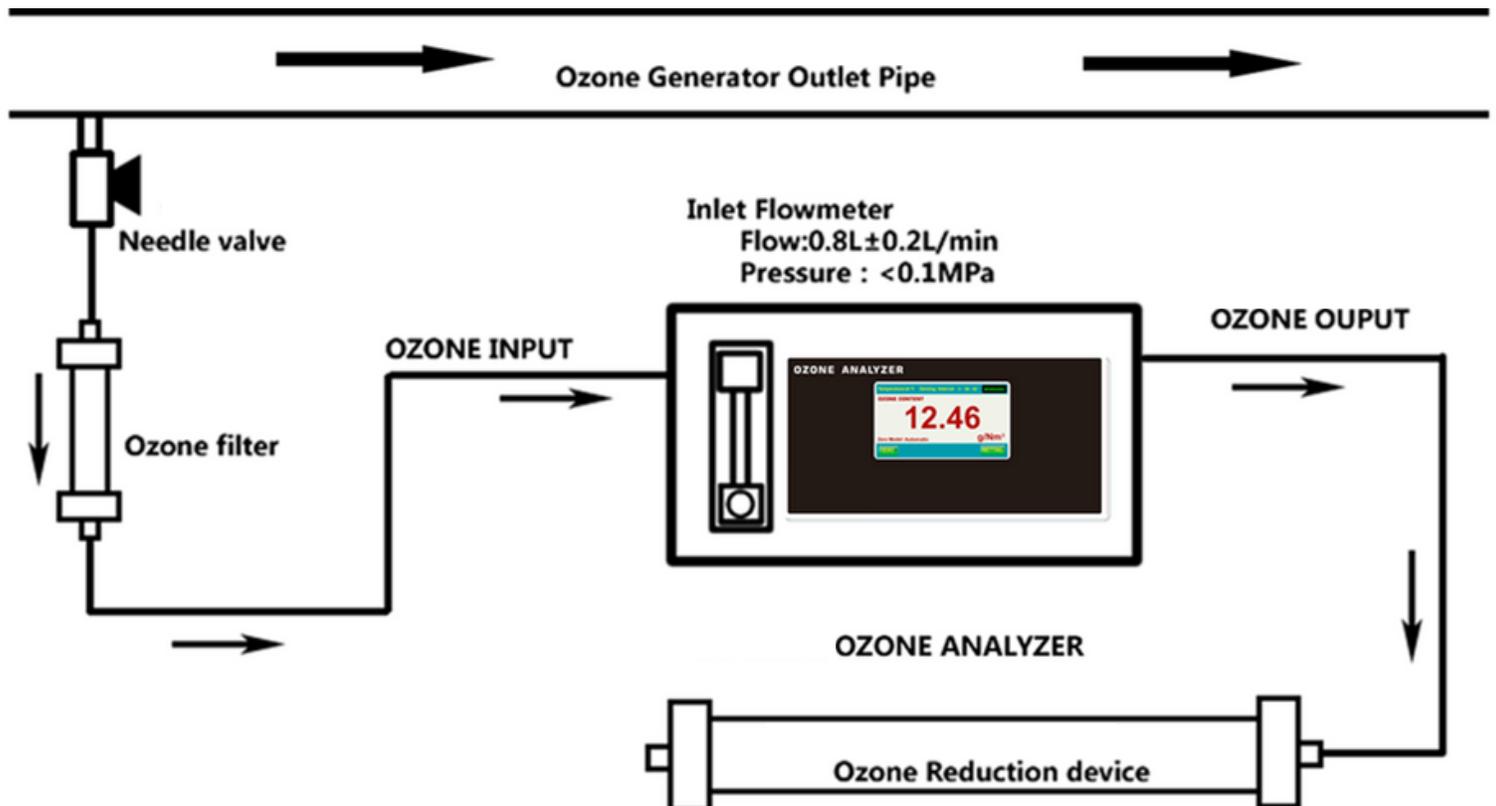
We have supplied industrial Ozonators to Ion Exchange Limited, Fine chemicals Ltd, United Phosphorous Ltd, Bits Pilani – Goa (Birla Institute Of Technology), Ipcalaboratories, Indian Institute of Technology (IIT) - Powai & Madras, National Institute of Technology (NIT) - Patna, CSIR - Jammu, NIPER - Assam, Sunpharama, Cipla Ltd., Reliance Industries, BARC, DRDO, WTE, Pratap Snacks, Monginis, Taj Group of Hotels, Khar Gymkahana and Etc.

## SUMMARY

The ozone analyzer of EL-200 which used to measure the ozone concentration of ozone generator in the pipeline and the outlet pipe of ozone concentration can be continuous on-line detection of ozone generator. Mainly used for continuous detection of ozone gas in various industrial environments, but also can be used for detection of ozone gas pipeline, in the operation of the vessel environment. Widely used in pharmaceutical, chemical, municipal, sewage treatment and other industries, the outlet concentration of ozone generator and ozone generator output measurement.

The ozone analyzer based on Lambert - Beer law, by ozone measurements before and after UV absorption of optical signal intensity changes computed. Hence, the ozone concentration values. Equipment using advanced double beam UV light source system, is arranged in the lamp intelligent management system, boot can be rapidly reach the state measurement the ultraviolet lamp tube, a separate light pool technology used in Germany, the equipment has no leakage, high voltage, resistance to flow sampling gas impact, easy to clean, convenient maintenance, simple operation, low cost characteristics.

Equipment every 1 hour automatic zero blowing a sweep, ensure the stability of the zero, prevent the accuracy of zero drift of detection concentration, school zero gas flow, pressure, flow rate remains unchanged, prevent the influence of the air impact of zero calibration to ensure equipment can be 24 hours a day, continuous operation.



## TECHNICAL CHARACTERISTICS

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- Detection method:
- dual beam UV photometer absorption method, long life light source system, high measuring accuracy.
- The principle
- According to Lambert Bill law, measure precisely by photometric absorption principle.
- Light Source System
- The long-life UV light source system (wavelength 253.7nm) is abroad.
- Using method
- Indoor installation and use, configure power and signal terminals.
- Cuvette System
- Separated optical cuvette with no leakage and anti high-pressure, high-flow rate, impact of sampling gas.
- Intelligent Compensation
- Built in temperature and pressure compensation and display, with automatic compensation function of light source.
- Operation Method
- The user can select manual zeroing mode or automatic zeroing calibration according to the running state, and can set up automatic zeroing time.
- Unit Display
- High definition color touch screen
- Output Function
- 4-20mA 、 RS485
- Standard Configuration
- Anti-corrosive flow-meter, ozone tail gas destroyer, gas in-putting filter.

## TECHNICAL PARAMETERS

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- Range : 0-200g/Nm<sup>3</sup>;
- Display resolution: 0.01g/Nm<sup>3</sup>;
- Gas flow: 0.5L±0.2L/min;
- Input pressure: <0.1MPa;
- Concentration deviation: ±0.5%FS
- Zero drifting: < ±0.3%.FS (MAX: + 0.6g/m<sup>3</sup>)
- The pipe diameter of the sampling mouth: 6 (6mm\*4mm)
- Communication mode: RS-485;
- The output mode: 4-20mA, linear;
- Power supply: AC 110-220V;
- Dimension: 260mm×120mm×230mm;
- Weight: 6kg;
- (Note: 1mg/L=1g/m<sup>3</sup>=467PPM)

### ELTECH OZONE PVT LTD

#### REGISTERED ADDRESS

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▶ Eltech Ozone

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