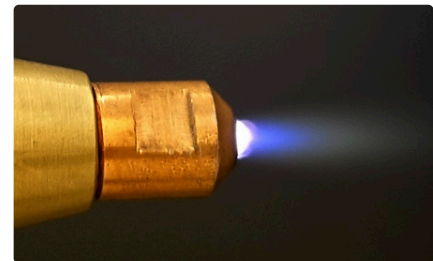


## FEATURES:

- Prevent NOx emission  
- 97 % reduction
- Enhanced treatment results
- Longer shelf life
- Better and wider surface treatment
- No wearing parts

## ZeroNOxTEC

Plasma Treatment with reduced NOx-emissions



**Atmospheric plasma treatment has long been known as a versatile and effective method for improving material surfaces across various industries. However, one issue has been the generation of NOx emissions, which include nitrogen oxide, nitrogen dioxide and nitrogen trioxide.**

The reduction and filtering of NOx emissions has traditionally been done by large and costly ventilation systems. The changes in environmental impacts are making it more important to find a new and better solution to reduce NOx emissions.

ZeroNOxTEC is an innovative solution in surface treatment, offering a revolutionary approach to reducing NOx emissions.

Developed to combat the emissions associated with plasma treatment, this technology has many benefits:

**NOx emission prevention:** ZeroNOxTEC achieves an impressive 97% reduction in NOx emissions.

**Improved treatment results:** By eliminating NOx emissions, ZeroNOxTEC improves the efficiency of plasma treatment. Resulting in better and wider surface treatment.

**Extended shelf life:** Depending on the material being treated, ZeroNOxTEC extends the shelf life of treated products.

**Plug and Play installation:** ZeroNOxTEC offers seamless integration and is a plug-and-play solution that simplifies implementation.

By reducing NOx emissions internally, ZeroNOxTEC reduces dependence on venting system, optimizing energy efficiency and reducing operational costs.

Equipped with complete monitoring features and visual indicators, ZeroNOxTEC provides real-time feedback, ensuring optimal performance and safe processing.

With its unrivaled ability to reduce NOx emissions and a range of benefits, this innovative technology sets a new standard for efficiency, sustainability and safety.

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Technical Specifications	ZeroNOxTEC
Main supply voltage and frequency	120 - 230 VAC ( $\pm 10\%$ ) 50 - 60 Hz (Universal power input)
Power	50VA
Dimension, mm (L x W x H)	280 x 500 x 1200 (1328 including feet)
Weight, kg	1 membrane: 74kg - 2 membranes: 75kg (Including feet)
Maximum number of Plasma systems per ZeroNOxTEC with one membrane	2 Plasma systems
Maximum number of Plasma systems per ZeroNOxTEC with two membranes	4 Plasma systems
Compressed air supply	Minimum 6 bar dry and clean (Tantec recommends 7 bar or higher)
Compressed air connection	OD 8 mm (Quick connection)
Air consumption, liter for maximum 2 Plasma systems	162 to 207 ltr/min
Air consumption, liter for maximum 4 Plasma systems	324 to 414 ltr/min
Mains cable length	300 mm