



TAURUS™ SERIES | BETTER OZONE FOR CLEANER WATER, NATURALLY!

NATURE TO THE POWER OF 3!

Proven solution and safe, ozone is recognized as the most eco-friendly and natural bacterial deactivator available, and also the fastest and most powerful.

Ozone is created from oxygen (O_2), which becomes ozone (O_3) and then reverts back to oxygen (O_2) after a few minutes in ambient air.

Better and more economical than recurring chemical oxidizers, ozone is a powerful disinfectant and kills bacteria 3,000 times faster than chlorine. It is unrivalled in controlling numerous types of bacteria, including E.coli and fecal coliforms as well as deactivating viruses, fungi, and mildew. Ozone is safe to use, is non-carcinogenic and produces no residues or toxic by-products.

APPLICATIONS

Ozone known as a green solution, possesses one of the highest redox potential (2.07 V) and produces no toxic by-products and represents an ideal answer to multiple water treatment challenges. Our solutions can be used in:

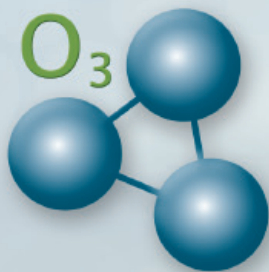
- Municipal potable water
- Food safety, CIP
- Cooling tower water treatment
- Waste water effluent treatment
- Oxidation of effluent by-products from mining and petrochemical plants
- Odor and taste control
- Aquaculture and public aquariums
- Algae blooms

PURE INGENUITY!

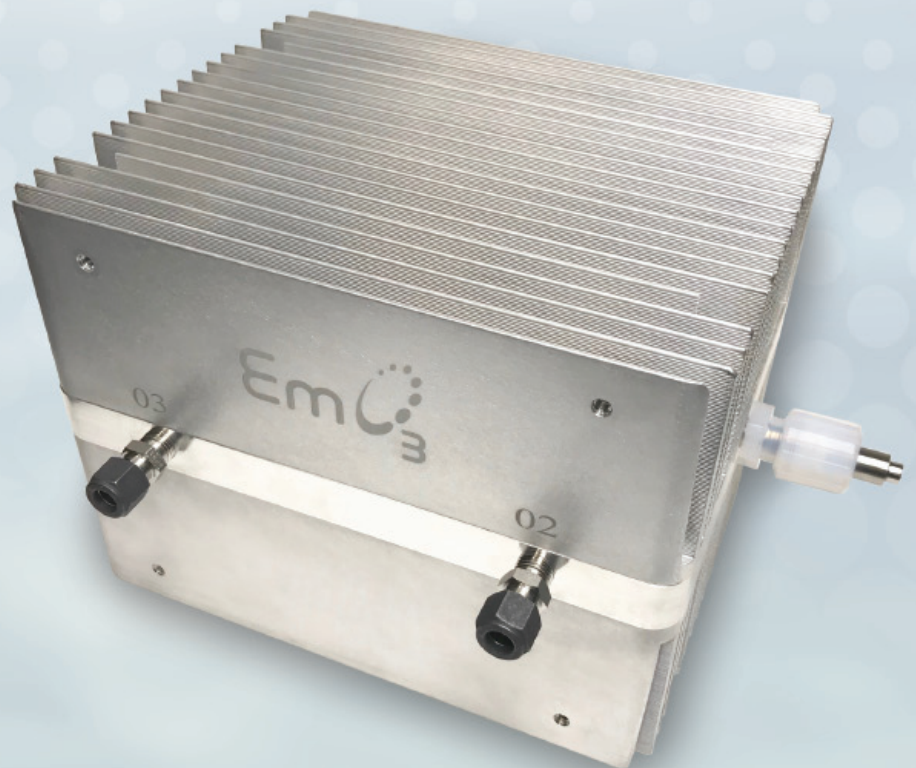
Pressure from governments and environmental groups have led municipal and industrial operators to turn to more efficient and eco-friendly water treatment solution. With these challenges in mind, **EMO₃** inspirational and pioneering efforts have led to the development of the **Taurus™** ozone series

The unique, innovative and patent-pending **Taurus™** ozone series provides peace of mind with ozone-on-demand features for your sustainable water treatment requirements. Benefits such as:

- Full turndown modular design – each cell produces up to 50 g/h
- Air cooled Corona discharge
- Fully assembled stainless steel enclosure with compact design
- Power control analog input (4-20 mA, 0-10 V) or simple dry-contact operation control
- Ruggedized for the most demanding application
- Every cell is equipped with flowmeter and amp meter for optimal performance
- Thermal and oxygen flow protection
- High frequency transformer providing most silent operation

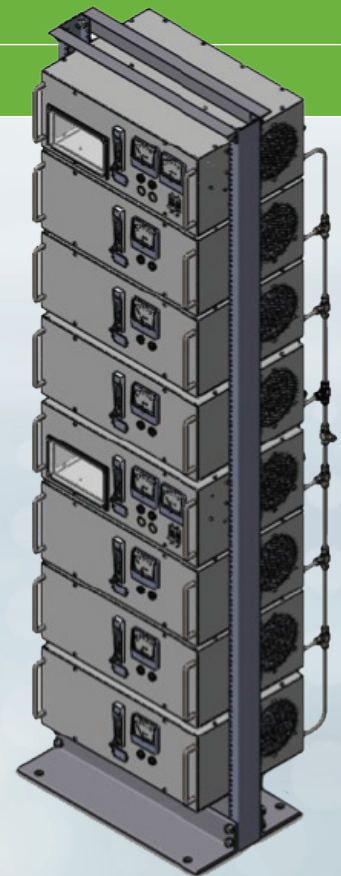


OZONE



TECHNICAL DATA

PRODUCT MODEL	TAURUS (50)
OZONE PRODUCTION	50 g/hr @ 25 SCFH (12 SLPM)
POWER REQUIREMENTS	208 – 240 VAC/1 PH/ 50-60 Hz/20 A
OXYGEN REQUIREMENTS	> 92% O ₂ 25 SCFH (12 SLPM) per Taurus™ cell
SYSTEM TURN-DOWN	0-100%, PTD (pulse train duty cycle)
OPERATING TEMPERATURE	50°F (10°C) to 95°F (35°C) max.
COOLING REQUIREMENTS	Air cooled 235 CFM (110 LPS)
CONNECTION	Analog or dry-contact connection via CPC Series 19 Standard Circular Connector (supplied), electrical power cord L6-20P (supplied)
MULTIPLE CONNECTION CONFIGURATION	1 Taurus™ master unit to control up to 3 secondary Taurus™ units (8 Taurus™ units per rack). Rack specification: 45U, 2-post, 12-24 threaded
DIMENSIONS	21" (53.3 cm) x 14.4" (36.6 cm) x 8.9" (22.6 cm)
WEIGHT PER UNIT	70 Lbs (32 Kg)



OZONE

THE SOLUTION FOR AIR AND WATER TREATMENT

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