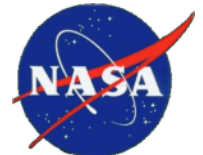# Titan
SPACE AGE TECHNOLOGY

UVA / TiO^2 PHOTOCATALYTIC
HYDROXYL / IONIZED HYDRO-PEROXIDE GENERATOR

SAFE / CHEMICAL FREE
AIR PURIFICATION & DEODORIZATION

What Do You Do When You Have To Deodorize Or Decontaminate In An Occupied Area?

Titan Is Your Answer

INTERTEK in. SUSTAINABILITY

VERIFIED ZERO OZONE
DOES NOT EMIT MORE THAN 0.005PPM AS TESTED PER UL 867

NASA
Technology

The Only Hydroxyl Generator For The Restoration Industry That Produces

ADVANCED HYDROPHILIC SELF-REPLICATING HYDROXYL MOLECULES & IONIZED HYDRO-PEROXIDE

"The Higher The Humidity, The More Hydroxyls & Hydro Peroxides Are Produced & The Harder They Work For You"

Technology Certified By NASA & FDA As A Type 2 Medical Device "Safe For Use In Occupied Hospital Rooms Including Neonatal & Baby Rooms"

Now Available In 220 Volt For International Applications

100% Safe For Use In Inhabited Areas

Model #1000

Air Purifier & Deodorizer			Air Mover & Air Scrubber
	Voltage	110 Volt	
	Cycles	50/60 Hertz	
	Amperage	1 Amp	
	Fan Output	100 CFM Max.	
	Max. Treatment Area	10,000 Cubic Feet	
	Dimensions	6" x 9" x 12"	
	Weight	8 lbs.	
	Filtration	4" x 4" Washable	

REMOVE ODORS - KILL GERMS - CLEAN THE AIR

The *365nm to 385nm UVA Rays* emitted from *Titan's TiO^2 Photocatalytic Lamps* pass through a *Permanent Anatase TiO^2 Coated Super Reactor Screen* which is designed to hold the maximum amount of *Highly Reactive Nano Sized Anatase Titanium Dioxide*, and as a result, electron hole pairs are formed that react with H^2O and O^2 in the air and produce *Free Electrons, Hydroxyl Radicals & Ionized Hydro-Peroxide* that when dispersed by the fan will decompose organic and inorganic gases and air pollutants into carbon dioxide and water.

THE LARGEST ADVANTAGE TO THE TITAN AIR PURIFICATION & DEODORIZATION SYSTEM IS THAT IT PRODUCES NO OZONE AND IS 100% SAFE TO RUN IN INHABITED AREAS.

The market for the Titan is unlimited. Fire and Flood Damage Restoration, Doctor's Waiting Areas, Nursing Homes, Day Care Centers, Restaurants, Night Clubs, Beauty Parlors, Etc... Etc... can all benefit from the odor and germ destroying properties of Titan's TiO^2 Photocatalytic process which will clean the air, remove odors and eliminate poisonous gases and organic pollutants.

Another advantage of the *Titan TiO^2 Photocatalytic Lamp* is that it is self-cleaning and will perform at its optimum for a period of up to 8000 hours.

EPA Establishment Registration #87989-FL-001

Titan Hydroxyl Maximizer Mini

Evaporative Humidification System

for

Titan 1000 Hydroxyl / Ionized Hydro-Peroxide Generator

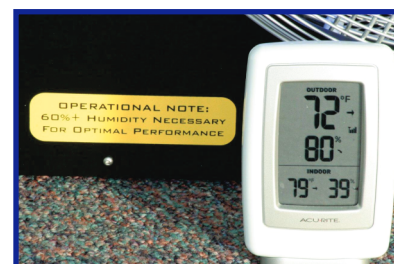**Titan**

SPACE AGE TECHNOLOGY

Feed Your Titan Hydroxyl Generator H^{2}O and It Will Work 2 to 3 Times Faster

True hydroxyl generators utilize water vapor in the atmosphere to create hydroxyl radicals. The Titan 1000 technology works by creating a reaction between UVA, TiO^2 and H^{2}0 to break apart the water molecule (H^{2}0) and create a single hydrogen atom (H) a hydroxyl radical (OH) and Ionized Hydro- Peroxide (H^{2}O^2). This hydroxyl radical and Hydro-Peroxide will disperse into the air and deodorize, oxidize and deactivate airborne microbials while remaining 100% safe for use in occupied areas. A high level of humidity allows for increased Hydroxyl and Hydro-Peroxid production and in turn makes the Titan 4000 perform more efficiently saving you time and money on the job.

The Titan Hydroxyl Maximizer uses evaporative technology to produce a very fine cold water vapor. The Maximizer is placed right behind a Titan Hydroxyl Generator and will increase the direct intake of humidity which increases the hydroxyl and Hydro-Peroxide production. The Maximizer will make your Titan 1000 perform as if it is on steroids.

Do not worry about raising the humidity on your job. A very interesting discovery was found during testing of the Titan Hydroxyl Maximizer. The Titan 1000 will use the extra humidity from the Maximizer and does not raise the relative humidity in the room. Once the humidity is processed by the machine it is no longer a water molecule and instead it is a OH & H^{2}O^2. When the intake humidity was measured and compared to the humidity in the exhaust, there was a 50% drop in the humidity level.

OPERATIONAL NOTE: 60%+ Humidity Necessary For Optimal Performance

80% in 39% out!

The Titan Hydroxyl Maximizer will hold enough water to run for 4 to 5 days.

Available At All Major Equipment Retailers

www.InternationalOzone.com