

Live Water Ozonator for Open wounds, Cuts,
Skin infection and instant burning relief

Disinfecting wounds, infections and sterilizes the materials & surgical tools



World's First live
WATER OZONATOR

Live Water on
OPENING TAP

Modern Naturopathy
First-Aid kit device



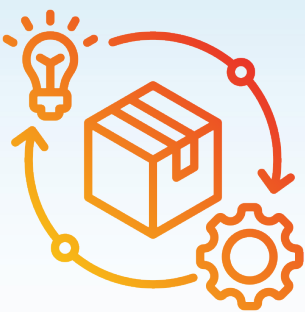
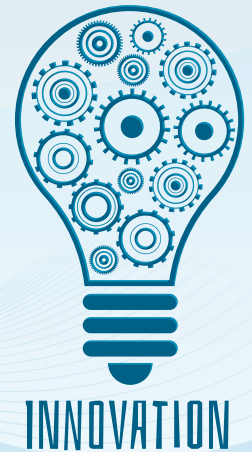
Ganga Basil O3 device generates Ozonated water from the tap
It takes the shortest length of time to generate ozonated water
and requires the least amount of space and power

PARTH ELECTRONICS PVT. LTD.



Started in 1990s as SSI unit and with a flourishing business, company transformed to Private Limited in 1995 and launched indigenous technology for Security Alarm System (Burglar alarm system) with auto dialler facility along with manufacturing of Educational Language Labs, which was the root of our business from 1982. Based on market research, various models of Security Alarm System were launched and they are still a running products of market

Company entered in the business of Manufacturing & Selling products for Divyang segment, educational research institute, Government department, Wind Solar Hybrid systems and other such products along with designing and developing technologies for customize products and requirements. Various products were certified and approved by Government labs and Ministries, Company has also provided technologies to various research centres and corporates.



ENGINEERING PRODUCT DEVELOPMENT

Designer and Chairman of the Company, Sir. Shreelal N Jha, has published and presented research papers at National and International level for around 60% of our products. He has visited 9 Countries for exchanging a technical view on technical aspects. For the various product development, he has achieved Presidential Award of "National Award of Invention" by Shree Dr APJ Abdul Kalam Sir, along with "Shree Dr Vikram Sarabhai Award", and also honoured by Chief Minister of Gujarat Shree Narendra Modi and Governor of Gujarat for various achievements in Science and Technology. Company's aim is to fulfil the technological gaps of Country and provide the cost-effective products to Indian users and market while keeping the green values in mind.



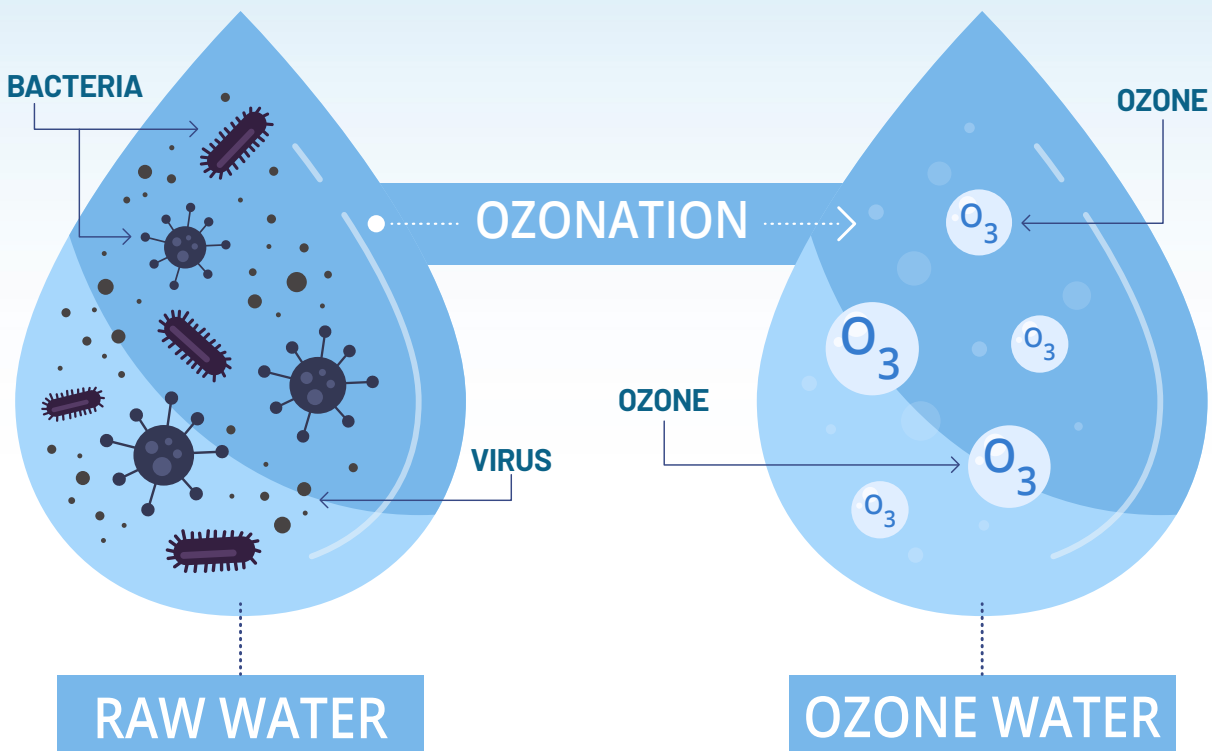
WHAT IS OZONE?

Ozone is naturally produced in the stratosphere in a two-step process. In the first step ultraviolet sunlight breaks apart an oxygen molecule to form two separate oxygen atoms. In the second step, each atom then under goes a binding collision with another oxygen molecule to form an ozone molecule

OZONE WATER

Water Ozone is a powerful oxidizing agent which dissolved in water to produces a broad-spectrum biocide that destroys all bacteria and viruses. Ozone water treatment is been used for the disinfection treatment of water since 1904 and having proven research for its medical use and benefits. Ozone water remains ozonated for 20 minutes* then it turns into oxygenated water and drinking that improves entire health of body

WHAT IS OZONE WATER (O₃ WATER)?



HOW OZONE WATER WORKS

Whenever a wound needs to be cleaned, treated from biofilm, dirt, debris, and infection, Ozone is applied for quick healing and disinfecting as It kills contact microbes, yeast, mycoplasmas, viruses, bacteriophages, and other organisms that can make up a biofilm on skin and other tissues. This process adds ozone-oxygen at damaged part which encourages healthy tissue to regenerate and thrive.

Rinsing wounds with ozonated water reduces or may eliminate the need for antibiotics. Further, enhancing the microbiome with gut support and even Microbiome Restorative Therapy (MBRT) adds healthy microbes that will support a stronger microbiome that can then help fight infections.

O₃ Water Features

Powerful oxidant



No chemicals are added to the water during ozonation



Safe and environmentally friendly process



Improves the Quality of water



Disinfectant



Identify use of ozone water as (Generally Recognized as safe) GRAS



MINISTRY OF AYUSH

Ministry of Ayush declares Ozone therapy/use as a part of modern Naturopathic therapeutic category.

OZONE WATER APPLICATIONS IN VETERINARY FIELD



Open wounds

(All types of wounds, mastitis, animal bites)



Cuts and injuries

(Accidental injuries, gun penetrations, animal fight cuts)



Skin infections

(Acid attacks, yeast and fungal infection, wounds infection)



Tooth Abscess

(Tooth decay, Oral infection)

MODELS



1) Ganga Basil O₃ Dhara

Technical Specifications

Power Consumption	5 Watt
SMPS	12 V 1 Amp
Device Weight	410 gm
Device Dimensions	10 x 8 x 7 cm

Features

- ✓ Easy to install
- ✓ No recurring expense
- ✓ Easy to shift from place

Suitable for

- ✓ For any exterior injuries
- ✓ For hairfall and skin problems
- ✓ Filling buckets to clean surface and floors

2) Ganga Basil O₃ Sagar



Technical Specifications

Power Consumption	18 Watt
Battery (Extra & Optional)	12 V 7 Amp
Device Weight	3.5 kg
Charger cum Adaptor	12 V 5 Amp
Product Dimensions	51 x 39.5 x 34.5 cm

Features

- ✓ Easy to carry
- ✓ Fill water of your choice
- ✓ Drinkable water in ill health
- ✓ Battery operated portable device
- ✓ Oxygenated water for daily drinking

Suitable for

- ✓ Daily drinking as oxygenated water
- ✓ Healy water in ill health conditions like (fever, throat infection, stomach ulcers etc)
- ✓ Fill water of your choice
- ✓ Clining surgical or such tools and instruments
- ✓ Using as mobile device in medical camps or medical cars

USERS & CLIENTS



Maan Mandir Seva Sansthan, Barsana, Uttar Pradesh

Serving more than 55,000 cows in their Gaushala. Having their own clinical facility and team of doctors

Bhagwan Mahavir Pashu Kendra, Anchorwala Ahinsha Dham, Mundra, Kutch

Facility of animal shelter home, veterinary hospital and ICU facility and team of veterinary doctors



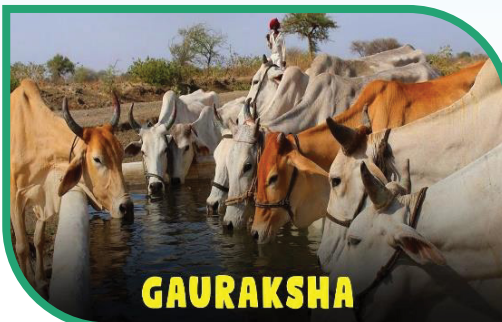
Hingonia Cows, Sri Krishna Balram Seva Trust, Jaipur, Rajasthan

Cow shed area over 114+ Acres with 400 workers, 50+ medical team for services of cow and animals



Gokul Dham Gau seva Mahatirth, Jhajjar, Haryana

Serving Cows with medical operations, shelter, feeding and one of the largest Cow treatment Centre in Haryana State



Shre Krishnayan Desi Gauraksha, Haridwar, Uttrakhand

Home to 18000+ stray cow and bulls. Feeds 30 lakhs kg of fodder to cows and supports activities for Cow and bulls

College of Veterinary Science and Animal Husbandry, Anand

Govt. Veterinary college and hospital for animal with all medical facilities team of doctors



WATER OZONATOR

TIMES OF INDIA - 7th MAY, 2023

Wounds of animals heal fast with ozonated water: Experts

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Vadodara: You might have heard of ozonated water being used in cosmetics, especially for silky and smoother hairs. But ever heard of ozonated water being used for treatment of animals during surgeries?

The surgery department at the college of veterinary science and animal husbandry, Anand, has started using ozonated water in place of traditional disinfected sterilised water during surgeries and treatment of animals.

The college is a constituent of Kamdhenu University.

The ozonated water is produced by ozonation device that has been developed by Vallabh Vidyanagar-based innovators.

"As per our knowledge, this is world's first ozonation device to be used during surgery in the OT. We have named it as Ganga Basil (O3) ozone water device that produces disinfected sterilised ozone water," said Shreelal Jha, who along with his elder son Harshvardhan Jha, has developed the device.

"The ozonated water generated through this device is of 0.5 ppm-mg/L which is best for sterilization," said Dr PV Parikh, professor and head of veterinary surgery department of the college.

It was under Parikh's guidance that the device was designed and developed for



Pics: TOI

The ozonation device used in the OT of surgery department at the college of veterinary science and animal husbandry, Anand

surgeries and therapies after a series of trials.

"Earlier, we were using normal saline water for cleaning of wounds during surgery. But since we started using ozonated water in the OT, we started experiencing that wounds of animals are healing fast and recovery that we see in the animals is also speedier," said Parikh.

This device produces ozonated water which is very useful during surgery in sterilizing by continuously flushing the surgical area.

"The ozonated water is also used for sanitation and sterilization of the disease infected jaws and mouth. It also has a facility of fogging of ozonated water which can be sprayed on the whole body to clear out external body infection and help in speedy recovery of external wounds, along with internal infection through anaemia process, through throat and mouth infection by drinking," said Jha.

"Since it is like Ganga water having no side effects, we have named the device as Ganga Basil (O3)," he said.

Jha further added that the totally automatic device is connected to water cooler having water supply source through RO plant.

A long ozonated water delivery flexible pipe is connected with water outlet having a controlled nozzle for dripping and fogging.

Ozonation starts automatically as soon as you press water outlet lever. It will keep on delivering the ozonated water until one releases the lever. "It has a provision of lever locking mode during operation and treatment. The technology, quality, material and workmanship is standardised by our R&D team for long life with optimum efficiency," said Jha.

Jha donated the ozonation device to the veterinary surgery department on Gujarat Day on May 1.

