



## NICO NANO BUBBLE GENERATOR FOR SWIMMING POOL

S.No.	Aspect	Traditional Treatment	NICO Nanobubbles
01	Cleaning Method	Depends on chlorine, algaecides & flocculants	100% chemical-free cleaning using oxygen & ozone nanobubbles
02	Water Clarity	Requires clarifiers & additives	Crystal clarity through nanoscopic oxidation, no additives
03	Chemical Use	High	Eliminated completely
04	Biofilm & Slime Removal	Needs scrubbing & shock treatment	Dissolve biofilm naturally at the nano level
05	Skin & Eye Comfort	Irritation from chlorine	Gentle, soft, irritation-free water
06	Maintenance Effort	Frequent balancing & testing	Minimal maintenance; stable water quality
07	Environmental Impact	Chemical discharge & wastage	Clean, natural, sustainable & eco-friendly

### A New Standard in Pool Water Purification

Maintaining healthy pool water traditionally meant relying on chlorine and chemicals. But these bring harsh odors, irritation, corrosion, and recurring operational costs.

### NICO's Oxygen & Ozone Nanobubble Technology replaces chemicals entirely.

The system purifies water naturally using advanced nanoscopic oxidation, delivering clean, safe, and crystal-clear pool water with zero chemical dosing.

This results in a self-cleaning, chemical-free pool ecosystem.

### How Oxygen & Ozone Nanobubbles Deep-Clean Water

Nanobubbles (less than 200 nm) stay suspended for long durations and release oxidative energy when they collapse. This process:

- Breaks down bacteria and pathogens
- Removes algae and prevents regrowth
- Oxidizes organic waste and oils
- Eliminates biofilm in pipes and pool surfaces
- Brightens water clarity naturally
- Boosts dissolved oxygen levels dramatically

### Cost-Effective Operation

Removing chemicals doesn't just improve water quality. It reduces long-term expenses:

- Zero spending on chlorine and algaecides
- Less backwashing → major water savings
- Minimal manual labor and intervention
- Longer life for filters, pumps, and plumbing
- Lower corrosion and no harmful by-products

### NICO NANO BUBBLE GENERATOR

- No moving parts
- Plug-and-play operation
- Low noise
- Ultra-low maintenance
- 100% chemical-free technology
- Energy-efficient and sustainable



### Why Choose NICO?

If you want to eliminate chemicals entirely and upgrade to a safer, clearer, and more sustainable pool system, NICO Oxygen & Ozone Nanobubble Technology is the next-generation solution trusted by modern facilities and designed for long-term performance.