

T1 Series

Calcium Hypochlorite Dosing Station

T1-10kg for Swimming Pool & Spa

Innovative | Intelligent | Convenient



Specializing in the pool disinfection industry for 15 years.

Tornados T1 Series

Keep your swimming pool crystal clear at all times, ensuring a safe and enjoyable experience for your customers.

Intelligent and Precise Dosing

Automatically adjusts the disinfectant dosage based on real-time water quality parameters. Dosing accuracy reaches *0.01 ppm*, with water quality targets customizable to meet diverse client needs.

Reduce the Use Cost

Water quality data is updated every second. This ensures compliance with water quality standards while minimizing chemical usage, reducing use costs.

Waterproof and Dustproof

Circuit waterproof rating: *IP68*
Main unit waterproof rating: *IP65*
Overall dustproof rating: *Level5*

Patented Achievements:

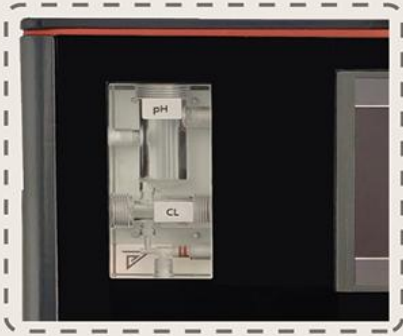
Invention Patent: *ZL 2023 1 1765911.9*
ZL 2023 1 1764886.2

Utility Model Patents: *ZL 2023 2 3507651.3*
ZL 2023 2 3507660.2
ZL 2023 2 3513322.X
ZL 2023 2 3488304.0

Design Patent: *30202500139S*
25-E0371-0101

Tornados T1 series

Water Quality Detection Electrode



Utilizes a constant pressure three-electrode system, eliminating the need for electrode membranes and electrolyte. Platinum electrode to have excellent sensitivity to residual chlorine in the test water, with precision reaching 0.01 mg/L.

Newly designed self-cleaning system can effectively reduce the physical adhesion and chemical oxidation. This effectively lowers the maintenance frequency.



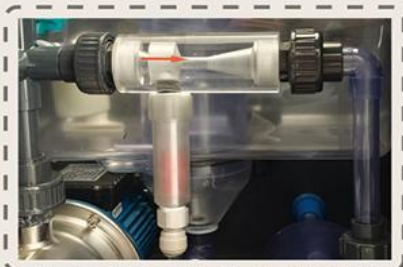
Remote Monitoring System

Users can monitor equipment status and water quality in real-time via smartphones or computers, and remotely control the system anytime, anywhere.



Spiral Feeding System

This system control accuracy of up to 0.1g. The fully plastic-wrapped design effectively protects the motor from chemical corrosion, significantly extending the motor's lifespan.



Triple Tornado Dissolution Architecture

This system ensures that every granule entering the water undergoes three different vortex dissolution processes. This greatly reduces the solid content in the mixed solution at the outlet, make dissolve more fully.

Tornados T1 series

T1-10kg for Calcium Hypochlorite Granulate

Water Quality Detection Electrode

Control Screen

Handle

Doorknob



Cover

Cover Holder

Straw Holder

Acid Straw

Overflow Outlet

Water Inlet

Water Outlet



Tornados T1 series

T1-10kg for Calcium Hypochlorite Granulate

T1 Main Parameters			
Chlorine Tank Volume	10 kg		
Compatible Chlorine Type	Calcium Hypochlorite Granulate 70% min 10kg of Calcium Hypochlorite can treat 10,000 m³ of indoor recirculating pool water (For outdoor pools, the dosing amount needs to be doubled).		
Acid drum Matching Size	25L drum		
Compatible Acid Types	Sulfuric acid 50%, sulfuric acid 30%, Oxalic acid, glacial acetic acid		
Water Quality Monitoring Instrument Parameters			
Chlorine Electrode Detection Principle		Uses a constant voltage three-electrode system (platinum electrode, titanium electrode, and ball electrode)	
Detection Cycle		Once per second	
Detection Range and Accuracy			
Item	Detection Range	Detection Accuracy	Resolution
Residual CL	0.00~10.00mg/L	0.01~0.20 mg/L:±0.01mg/L; 0.21~3.00mg/L:±0.10mg/L or 5% ,Select max; 3.01~10.00mg/L:±0.30mg/L or 5% ,Select max;	0.01mg/L
PH	0.0~14.0	±0.01	0.01
Temp	0.0~60.0 °C	±0.5 °C	0.1 °C
Flow	16.0~40.0L/H*	±5%	1L/H
<i>*Flow rate is optimal at 20.0L/H. Flow refers to the flow inside the detector.</i>			
Wireless Connection: WiFi 2.4GHz IEEE802.11 b/g/n or 4G SIM Card (Supplied by manufacturer) <i>Provide remote monitoring by smartphones or computers.</i>			
Packaging Dimensions			
Machine Dimensions		50×50×80 cm	
Packaging Dimensions		57×57×90 cm	
Gross Weight		46 kg	
Net Weight		42 kg	
Installation Conditions			
Electrical Condition		AC 220V/50Hz	
Water System Conditions		Inlet pipe, outlet pipe, drain gutter	
Installation Space		When mounting the machine, please ensure that there is a minimum of 40 cm clearance at the rear and 60 cm on the left and right sides.	
<i>Please refer to the attached picture for further information.</i>			

For more product inquiries,
please visit our website:



www.tornados-tech.com

Due to product upgrades, there maybe small differences
between the illustrations, parameters, and the actual product.
Please refer to the actual product for accuracy.

