




Chongqing Zanyo Electromechanical Unveils Fully Explosion-Proof Oil Purification System: A Game-Changer for Hazardous Environments

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Transformer oil purification - Tuesday, February 25, 2025.
Submitted by [Robine Zhang](#).



ZANYO

CHONGQING ZANYO ELECTROMECHANICAL UNVEILS FULLY EXPLOSION-PROOF OIL PURIFICATION SYSTEM: A Game-Changer for Hazardous Environments

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The advertisement features a blue industrial oil purification system on a cart, set against a background of green and red geometric shapes. The system is labeled 'ZANYO'.

Chongqing Zanyo Electromechanical And Machinery Co., Ltd, a leader in oil purification technology, proudly announces the launch of its state-of-the-art Fully Explosion-Proof Oil Purification System and the ZYD-E **Transformer Oil Purification** System. These cutting-edge solutions are designed to revolutionize oil purification in hazardous environments, ensuring safety, reliability, and optimal performance.

The Ultimate Solution for Hazardous Oil Purification Needs

Industrial operations in flammable and explosive environments require specialized equipment to ensure the safety and efficiency of **oil purification**. Understanding these critical needs, Chongqing Zanyo has developed a Fully Explosion-Proof Oil Purification System that meets the highest explosion-proof standards, including Exdia ? BT4 and Exdeib ? CT4 certifications.

This system is meticulously designed to be used in workshops, refineries, power plants, and substations, effectively purifying lubricating oil, turbine oil, hydraulic oil, and insulation oil while maintaining the highest safety standards.

"We understand the risks associated with oil purification in hazardous locations. Our goal is to provide a solution that not only ensures safety but also enhances the performance of critical industrial equipment," said Robine Zhang at **Chongqing Zanyo Electromechanical And Machinery Co., Ltd.**

Introducing the ZYD-E Transformer Oil Purification System

Another remarkable breakthrough by Chongqing Zanyo is the ZYD-E **Transformer Oil Purification** System, which is engineered to efficiently remove water, trace water, gases, solid particles, and harmful contaminants such as acetylene, hydrogen, and methane from transformer oil. This purification process enhances the dielectric strength of the oil, ensuring electrical equipment remains operational under optimal conditions.

Key Benefits of ZYD-E Transformer Oil Purification System:

- **Advanced Water and Gas Removal:** Eliminates moisture and harmful gases to enhance oil performance.
- **High Efficiency Filtration:** Removes microscopic particles that can damage electrical equipment.
- **Enhanced Dielectric Strength:** Improves the insulation properties of transformer oil, ensuring stability in high-voltage applications.

The ZYD-E system is designed for on-site oil filtration, particularly in substations handling 110V to 110KV or higher. Additionally, it can function as an independent vacuum source, offering vacuum drying and vacuum oiling capabilities, making it a multi-functional powerhouse for electrical maintenance operations.

Setting a New Standard in Oil Purification

Chongqing Zanyo's latest innovations are tailored to meet the growing demands of industries working in hazardous environments. These purification systems offer numerous advantages, including:

- Explosion-proof technology that ensures operations remain safe even in high-risk areas.
- Rapid and efficient purification, significantly reducing downtime and maintenance costs.
- Extended lifespan of industrial equipment, minimizing wear and tear caused by contaminated oil.
- Environmentally friendly operations, reducing waste and optimizing resource utilization.

Industry-Leading Safety and Compliance

Chongqing Zanyo is committed to providing safe, reliable, and high-performing solutions for industrial applications. The Fully Explosion-Proof Oil Purification System and ZYD-E **Transformer Oil Purification** System comply with global safety

regulations and industry standards, making them ideal for power generation, petrochemical, and industrial manufacturing sectors.

"Our mission is to provide cutting-edge technology that enhances safety, efficiency, and sustainability. We believe these innovations will set new benchmarks in oil purification and industrial safety," added Robine Zhang .

Availability and Contact Information

Both the Fully Explosion-Proof Oil Purification System and ZYD-E **Transformer Oil Purification** System are available for purchase worldwide. Interested businesses can reach out to Chongqing **Zanyo Electromechanical And Machinery Co., Ltd** for inquiries, demonstrations, and custom solutions.

About Transformer oil purification

Chongqing Zanyo Electromechanical And Machinery Co., Ltd is a globally recognized leader in oil purification technology. With years of expertise and a commitment to innovation, the company provides state-of-the-art solutions that enhance operational safety and efficiency across various industries. The ZYD-E **Transformer Oil Purification** System and the Fully Explosion-Proof Oil Purification System are perfect for the petrochemical, industrial manufacturing, and power generation industries since they meet industry requirements and international safety laws.

[More about Transformer oil purification](#)

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