

Tenyen-Product Manual

Shanghai Tenyen New Material Co.,LTD.

Shanghai Tenyen Test Equipment Co.,LTD.

Shanghai Tenyen Monitoring Technology Co.,LTD.

Jiangsu Tenyen Electric Co.,LTD.

Company profile



Tenyen is located in Songjiang District, Shanghai and Liyang City, Jiangsu Province. Specializing in R&D, production and sales of high-voltage insulation products, gas-insulated high-voltage test equipment, and online monitoring systems for substations, and also specializing in substation maintenance services.

Tenyen has a technical team composed of senior scientific researchers such as doctors and masters, obtained a number of patents, established good cooperative relations with well-known universities such as Xi'an Jiaotong University and East China University of Science and Technology. Tenyen has been awarded the honor of "Jiangsu Double Innovation Enterprise" in 2021, with rich industry experience and strong technical strength.

Adhering to the quality policy of "Quality Leadership and Customer Satisfaction", Tenyen established a process system with reference to TS/16949. The system has complete manufacturing, inspection and testing capabilities, and implement strict factory quality control.

Tenyen has first-class production, inspection, testing equipment and advanced production technology. Adhering to the tenet of "creating high-quality goods with the spirit of craftsman; serving customers with integrity", Tenyen is committed to providing first-class electrical insulation products and services to customers around the world.

Tenyen adhere to customer demand-oriented, forward-looking, development of the future, to provide customer satisfaction service, continue to create value for customers, determined to "take off the Chinese people" and strive to achieve world-class Tenyen brand.



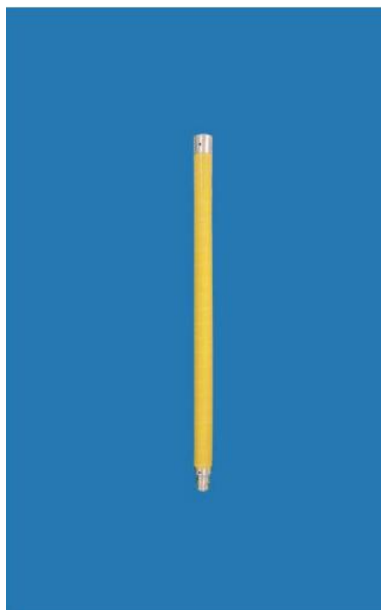
Main Business

1.AC and DC electrical insulators

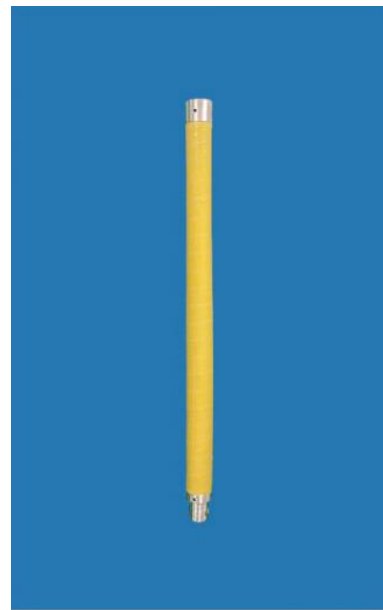
- AC electrical insulators
- DC electrical insulators
- Medium and low voltage insulators

AC electrical insulators

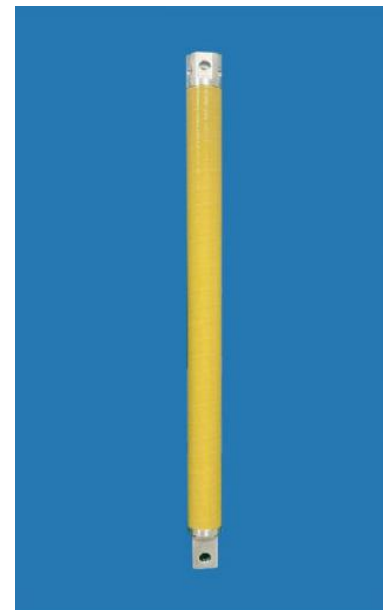
◆ 110kV-1100kV aramid fiber operating rod for AC high voltage CB



110kV



220kV



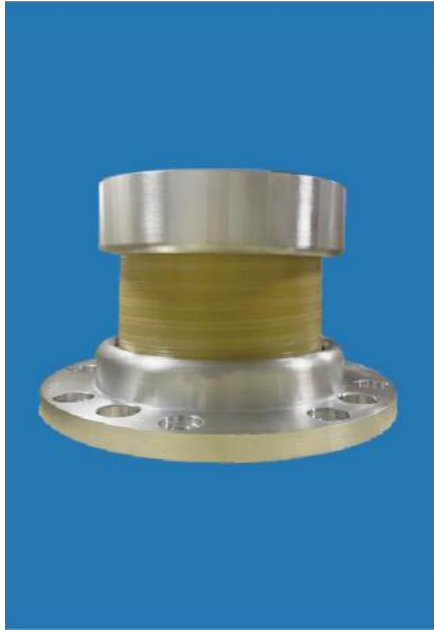
550kV



1100kV

AC electrical insulators

◆ 110kV-550kV aramid fiber insulation tube for AC high voltage CB



110kV



220kV



550kV

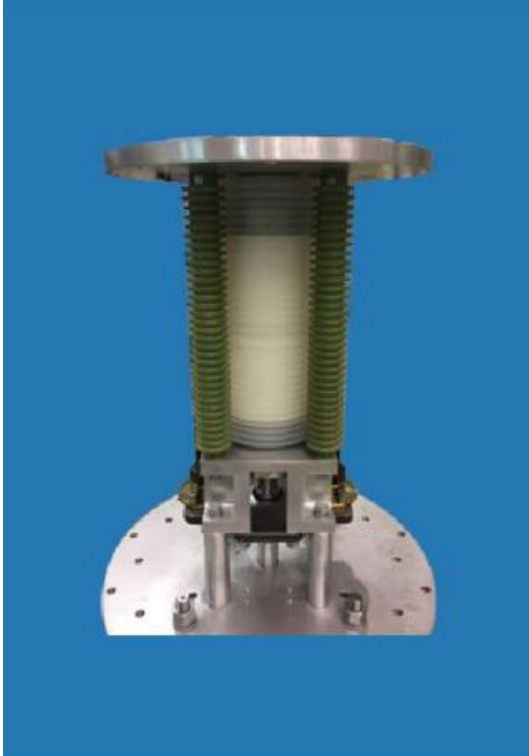
AC electrical insulators

◆ 330kV-550kV GIS shunt capacitor insulation tube

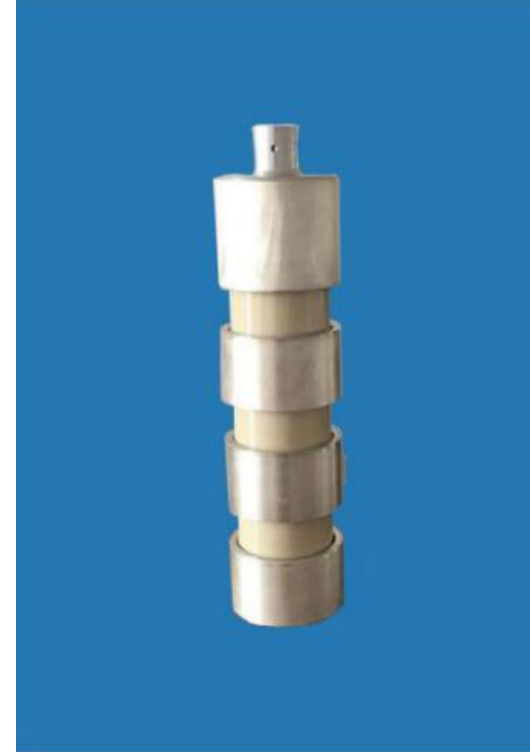


DC electrical insulators

- ◆ 110kV-550kV DC circuit breaker support rod

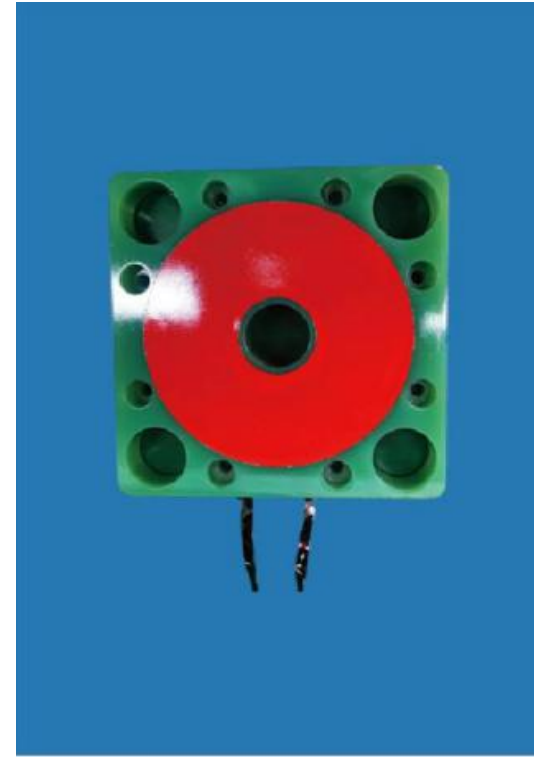
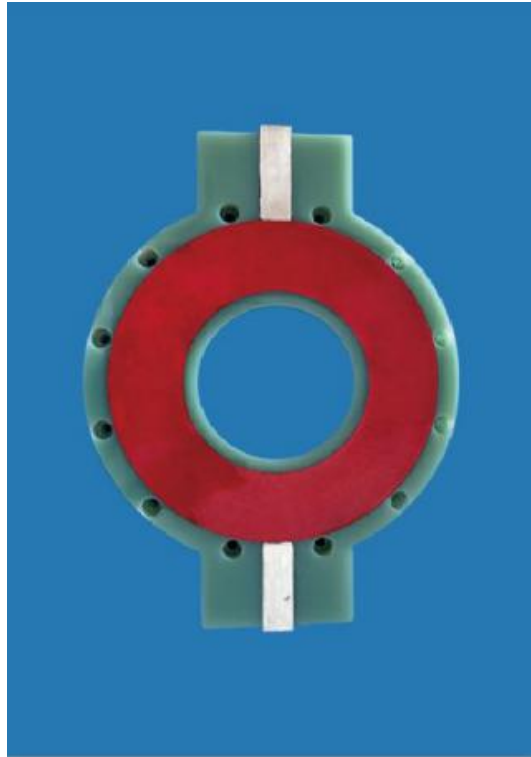


- ◆ 110kV-550kV DC quick switchgear operating rod



DC electrical insulators

- ◆ 110kV-550kV high voltage DC high speed repulsive mechanism electromagnetic coil



Medium and low voltage insulators

◆ APG insulators



Medium and low voltage insulators

◆ SMC insulation products



◆ Plastic injection insulators





Main Business

2.High voltage testing equipment

- **Test transformer installation for GIS and underground substations**
- **Test transformer units for open switchgear**
- **Power frequency test transformer for medium voltage switching**
- **Power frequency test transformer for electrical insulators**
- **Power isolation transformer**

High voltage testing equipment

- Test transformer installation for GIS and underground substations



High voltage testing equipment

- Test transformer units for open switchgear
- ◆ Power frequency test transformer for medium voltage switching



High voltage testing equipment

- Power frequency test transformer for electrical insulators



High voltage testing equipment

- Power isolation transformer





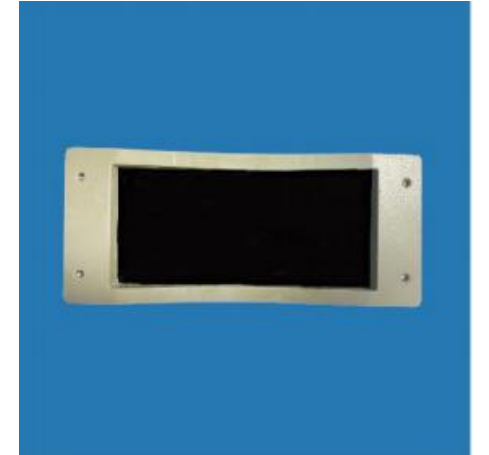
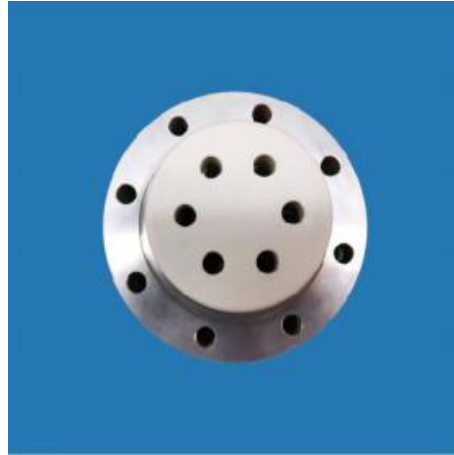
Main Business

3. On-line monitoring system for substation

- GIS PD online monitoring
- Transformer PD online monitoring
- Medium switchgear PD online monitoring
- Online monitoring of density moisture
- GIS indoor gas leak alarm system
- Arrester online monitoring
- Three-dimensional impact recorder
- Portable partial discharge analyzer
- Oil level position indicator for LVB current transformer

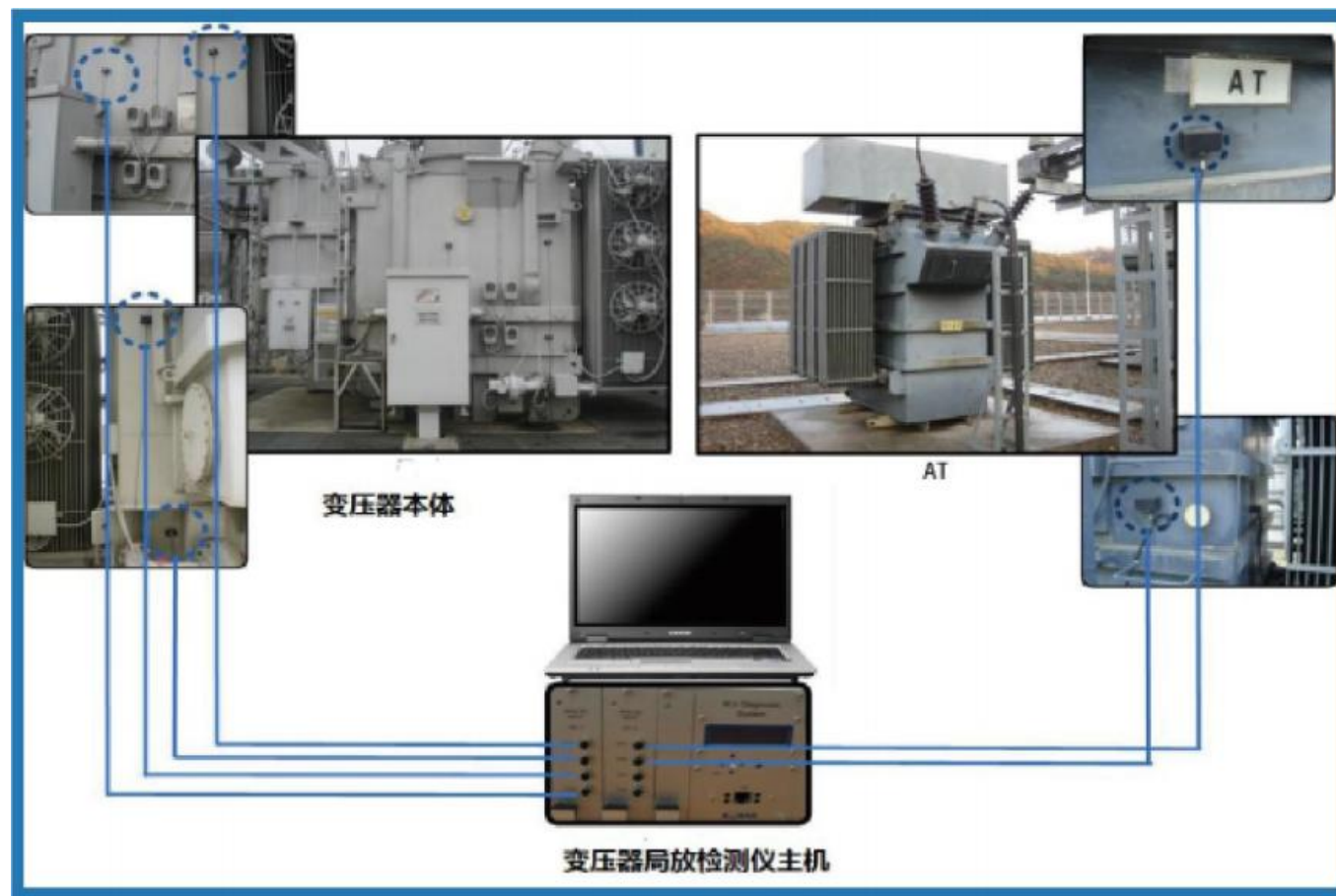
Online monitoring system for substation

- GIS PD online monitoring



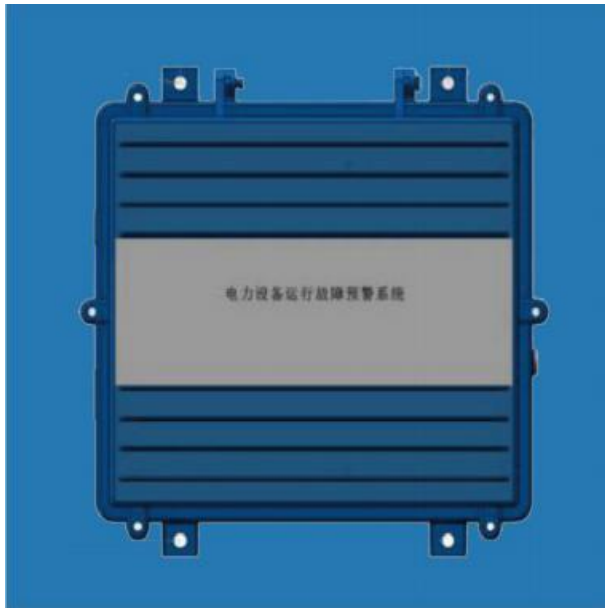
Online monitoring system for substation

- Transformer PD online monitoring



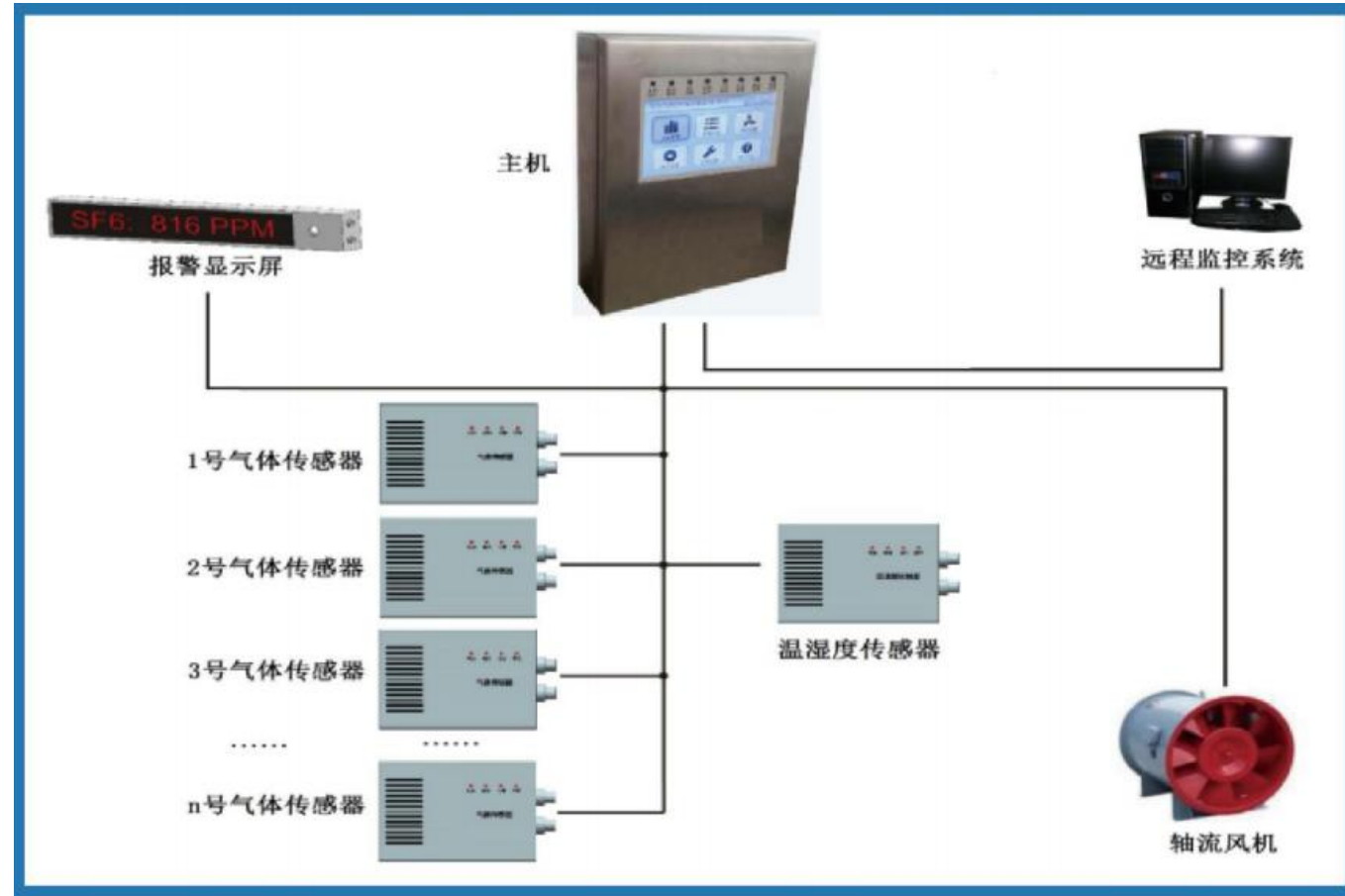
Online monitoring system for substation

- Medium switchgear PD online monitoring
- Online monitoring of density moisture



Online monitoring system for substation

- GIS indoor gas leak alarm system



Online monitoring system for substation

- Arrester online monitoring
- Three-dimensional impact recorder



Online monitoring system for substation

- Portable/hand-held partial discharge analyzer
- Oil level position indicator for LVB current transformer





Main Business

4. Substation operation and maint

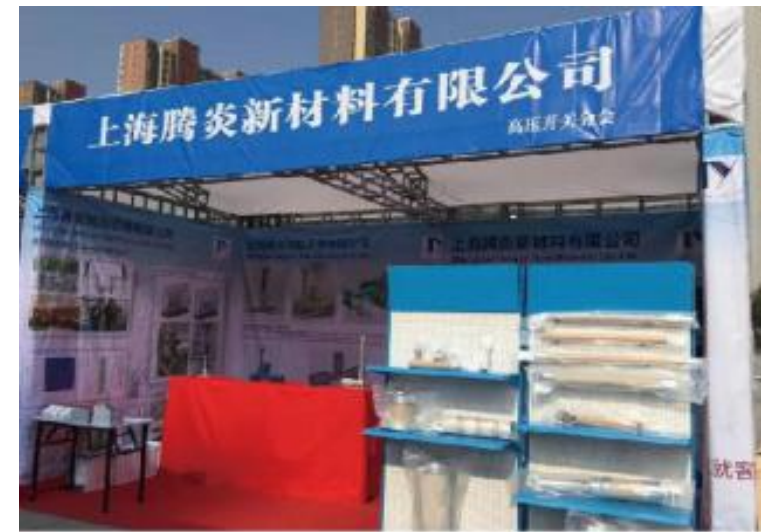
- Substation equipment testing(partial discharge,gas leakage, moisture,etc.)
- Substation equipment maintenance
- GIS and other inflatable equipment leakage repair
- State testing of substation power equipment(ultrasonic partial discharge,transient ground voltage,SF6 gas detection,etc.)
- Power transmission and distribution line transformation,upgrade and optimization



Core Competence

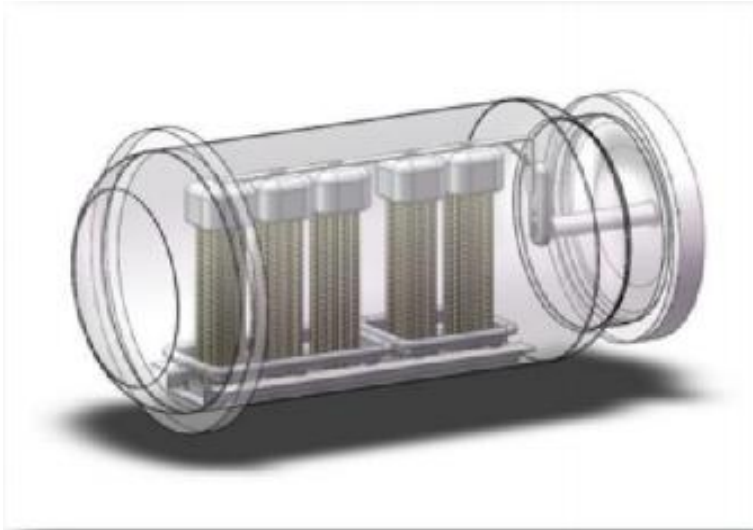
Core Competence

- Rich experience in power equipment industry



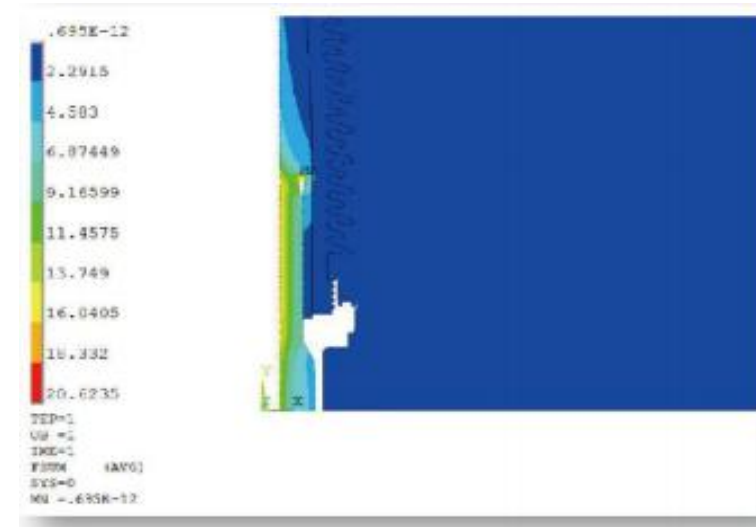
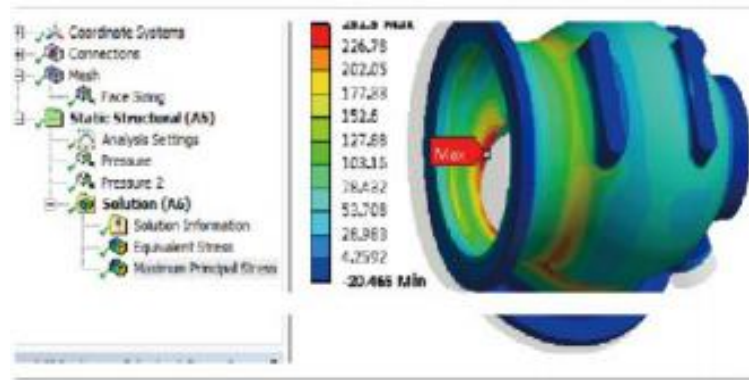
Core Competence

- Proficient in high voltage insulation technology and test technology



Core Competence

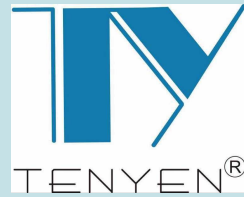
- Professional mechanical and electromagnetic simulation analysis capability



Core Competence

- Rich substation operation maintenance, test and maintenance, live detection, online testing and other power services





**Provide global customers with first-class
electrical insulation products and services**

www.tenyen-electric.com

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