

DSG- II

High Voltage Generator (AC, DC, Impulse)



This product suitable for many type high voltage electrical equipment, such as generator, electric motor, transformer, switch, lightning arrester, capacitor, high voltage power source equipment for power cable's preventive test, most of all, high voltage impulse power source for the power cable fault location test. It could be equipped with many type of cable fault detector. It is newly designed, very convenience and safety for outdoor field test. It's a necessity to every large scale enterprise, factories and mines, power department. And it's an upgrade product for traditional detection facilities.

Feature:

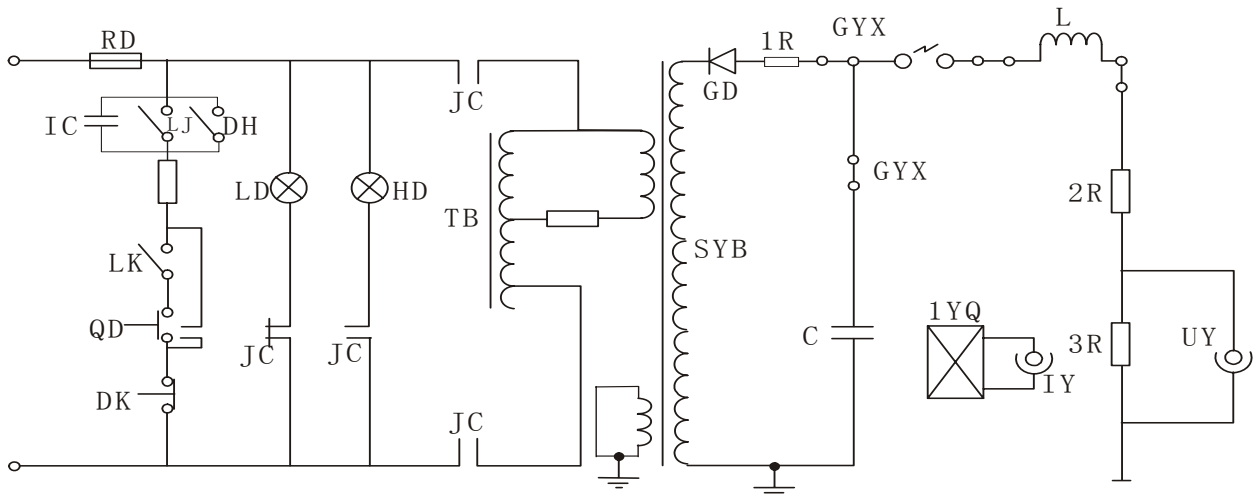
- Integrated design. Easy to operate, convenient to transport, improve the security, reliability and stability.
- Unique design of the sphere gap control. The user can easily adjust the sphere gap by control box, knowing the reference voltage, which greatly facilitates customers' use.

- Control box can be operated by the distance of 2.5m. Beautiful compact control box, few buttons, simple, direct viewing, safe.
- Control box can be operated by the distance of 2.5m. Beautiful compact control box, few buttons, simple, intuitive and safe.
- With high-voltage pulse current sampling and voltage sampling plug, user-friendly.
- High pressure discharge voltage display, using indicator usually, indicating the stability of intuitive.
- With start, stop, display and warning lights to remind users the current status, improve the use of security

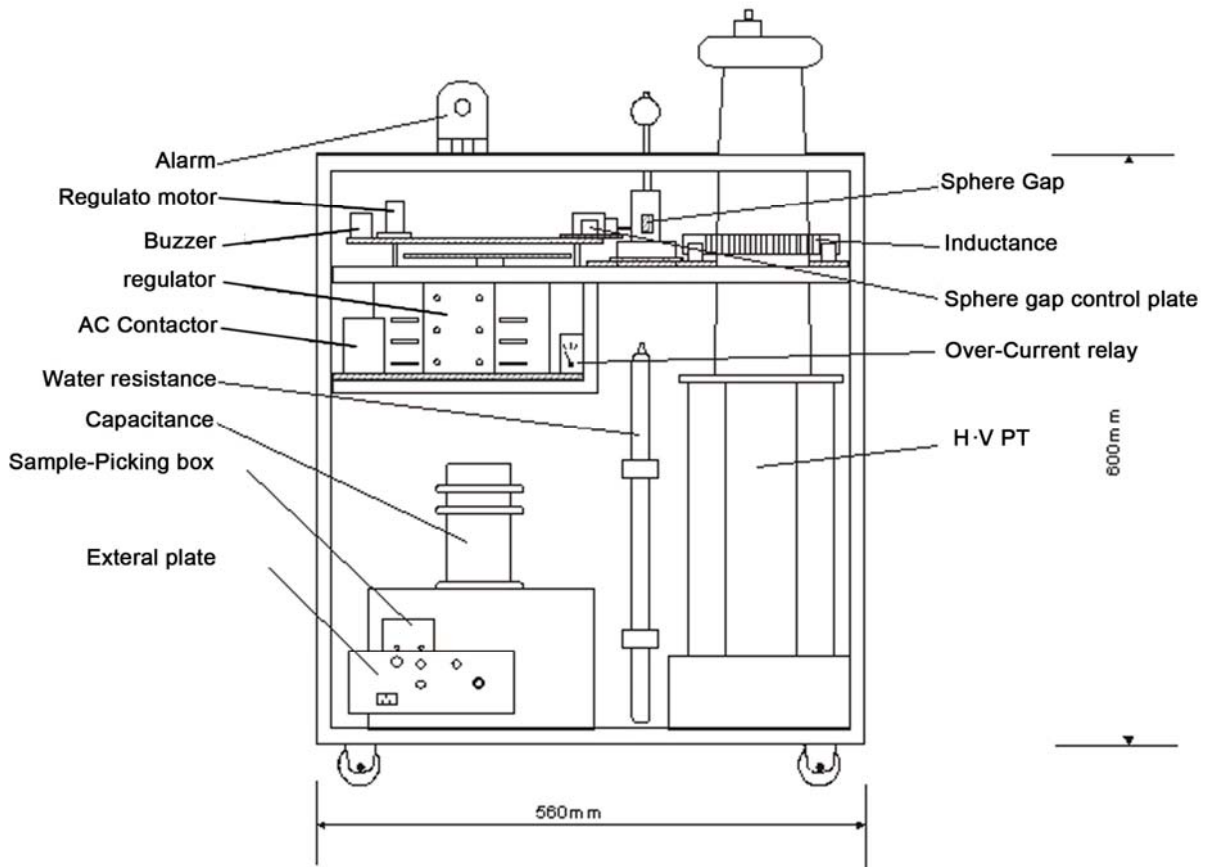
Main Technology Parameter:

DC High Voltage Output:	0-70kV
Current:	15mA
AC High Voltage Output:	0-50KV
Impulse High Voltage Output:	0-30kV
Maximum Impulse Energy:	450(J)
High Voltage Impulse Circle:	1-5 second (Adjustable and Durable)
Internal Energy Storage Capacitor:	1 μ F/30KV (can work well with internal or external capacitor)
Wired Remote Control Distance:	2.5 m
Power Supply Voltage:	220V \pm 10% 50Hz
Ambient Temperature:	-20 $^{\circ}$ C-+50 $^{\circ}$ C
Weight:	45 Kg
Dimension:	560 \times 330 \times 830 mm ³

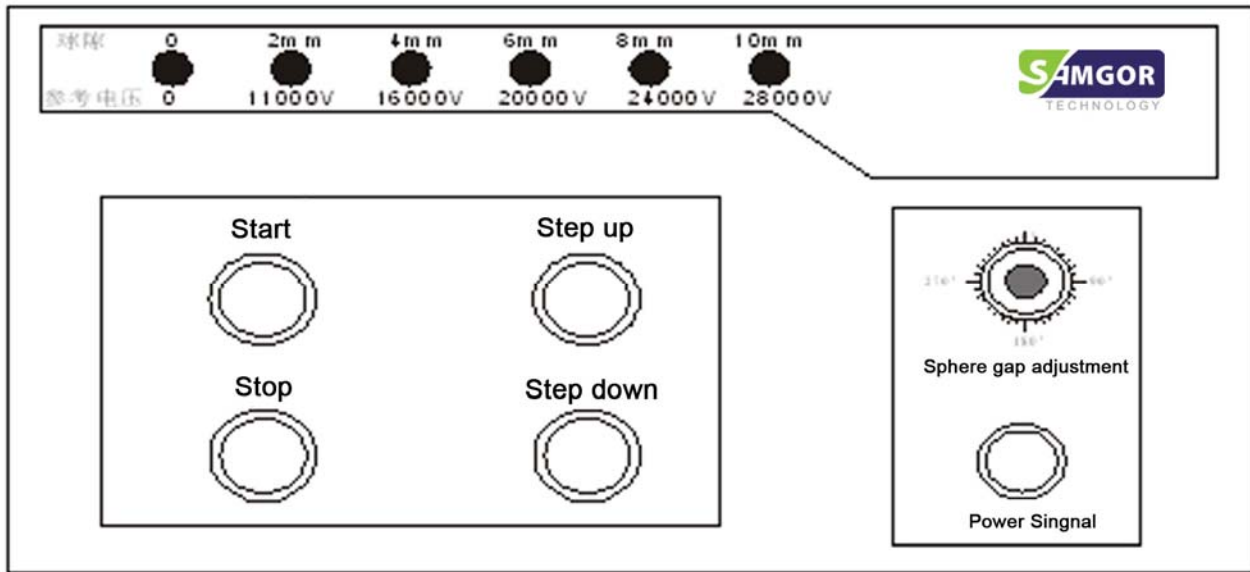
Principle Diagram



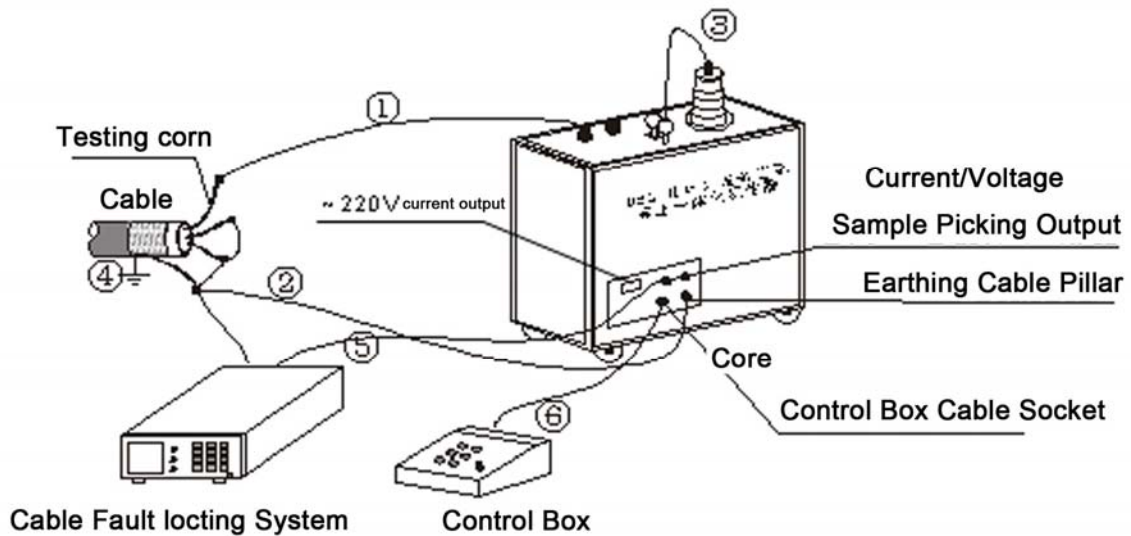
Structure Diagram



Function Diagram of Control System



Cable Fault Location Wiring Diagram



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