

6. HIGH VOLTAGE PRACTICAL EQUIPMENT (YHIG-Series)

High voltage generating device is necessary to develop our technology.

We are progress innovation of new technology.

Our High Voltage Practical Equipment is high safety and capable practice for various of High Voltage and computer control system is also available.

Corona discharge had be able to be experiment.

Feature

- It is possible to high accuracy experiment both AC& DC.
- Automatic selection for AC, DC and impulse test, and no necessary to wiring work.
- Desk type of operation panel is suitable for experiment.

Practical Item

- Measuring AC, DC, impulse voltage.
- Insulation destruction test.(Air, Oil)
- Withstand voltage destruction test for insulation materia.
- Corona discharge experiment.

Composition

- Operation panel
- AC, DC High voltage generator
- Impulse generating devise
- Impulse voltage measuring unit
- Insulated tester
- Oilcup
- Personal computer, Printer
- Digital Oscilloscope
- High voltage probe

6. 高压试验设备 (YHIG系列)

高压发生器对于发展技术而言是必需的。我们正进行着改革创新和发展着新技术。

我们的高压试验设备安全系数高, 而且适用于各种高压和计算机控制系统。

可进行电晕放电实验。

特征

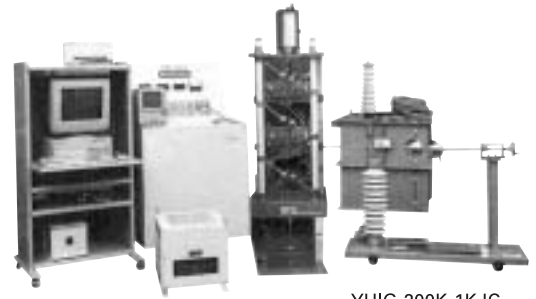
- 它让AC和DC精确的实验成为可能。
- 自动选择AC、DC和脉冲测试, 并且不需要做配线工作。
- 工作台式的操作面板非常适合做实验时使用。

实用项目

- 测量AC, DC, 脉冲电压。
- 绝缘破坏试验。(空气、油)
- 绝缘体耐压破坏试验。
- 电晕放电实验。

组成部分

- 操作面板
- AC、DC高压发生器
- 脉冲发生器
- 脉冲电压测量部件
- 绝缘测试器
- 油杯
- 个人电脑, 打印机
- 数字示波镜
- 高压探针



YHIG-200K-1KJ

Specification (Computer Control type) 规格 (计算机控制型)

Model 型号	YHIG-200K-0.2KJC	YHIG-200K-1KJC
Operation Panel 操作面板		
Input voltage 输入电压	Single phase 200V 50/60Hz 单相 200V 50/60Hz	
Capacity 容量	5kVA	
Output voltage 输出电压	AC 0-200V 3kVA Controlled by AC chopper power supply 由AC 断路器电源控制	AC 0-200V 5kVA Controlled by AC chopper power supply 由AC 断路器电源控制
Interface 接口	GP-1B&Optical fiber GP-1B & 光纤	
AC, DC High voltage generator (oil type) AC/DC 高压发生器 (油型)		
Input voltage 输入电压	Single phase 200V 50/60Hz 单相 200V 50/60Hz	
Other 其它	With automatic discharging system 自动放电系统	
Output (AC/DC switchable) 输出 (AC/DC 可转换)	AC50kV 60mA(rated 30min) AC50kV 50mA(设定为30分钟) DC+/-50kV 20mA (rated 30min) DC+/-50kV 20mA(设定为30分钟)	AC50kV 100mA(rated 30min) AC50kV 100mA(设定为30分钟) DC+/-50kV 20mA (rated 30min) DC+/-50kV 20mA(设定为30分钟)
Ripple 波纹	With 2%p-p (50kV 5mA) 2%p-p之内 (50kV 5mA)	
Output voltage Accuracy 输出电压精度	5*10 ⁻⁵ (Input voltage+/-10%/5mA) 5 × 10 ⁻⁵ (输入电压+/-10%/5mA)	
Other 其它	With AC/DC, Positive/Negative and grounding devise AC/DC, 正极/负极和接地设计	
Impulse voltage generator 脉冲电压发生器		
Input receiving voltage 输入接收电压	DC+/-50kV	
Nominal impulse generation voltagge 标称脉冲生成电压	+5kV-100kVp	+5kV-200kVp
Total electrostatic capacity 静电总电容	0.0125 microF (0.05 microF*4S)	0.0625 microF (0.25 microF*4S)
Maximum receiving energy 最大接收电量	0.25kWS	1.25kWS
Generated waveform 生成波形	1.2*50microS	
Output polarity 输出电极	Positive polarity/Negative polarity (electric switch) 正极/负极 (电闸)	
Impulse voltage measuring unit 脉冲电压测量		
Ball gap 球状间隙	125mmsq 125平方毫米	
Gap scale 间隙数值范围	0~100mm	
measurable voltage 可测量电压	16.8kVp-215kVp	
Insulator tester 绝缘体测试器		
Oil tank (装) 油容器	W300 × D300 × H200mm	
Electrodes 电极	Sphere20sq/Plate50sq/needle 球形20平方/碟形50平方/针形	
Other 其它		
Digital Oscilloscope (DL1520) 数字示波器 (DL1520)		
Accessories 附件		
Personal computer/Printer/Oil cup/grounding bar/Suspension insulator Power code/High voltage side wiring cord and neon cord 个人电脑/打印机/油杯/接地栅/悬浮绝缘体 电能代码/高压电线和氖线		
Option 可选项		
High voltage probe (DC100kVPulse voltage 200kV) 高压探针 (DC100kV 脉冲电压200kV)		

Model 型号	YHIG-100K-625J	YHIG-200K-1KJ
Operation Panel 操作面板		
Input voltage 输入电压	Single phase 200V 50/60Hz 单相 200V 50/60Hz	
Output voltage 输出电压	0-240V	
Capacity 容量	5kVA	
AC, DC High voltage generator AC, DC 高压发生器		
Input voltage 输入电压	Single phase 200V 50/60Hz 单相 200V 50/60Hz	
Output (AC/DC switchable) 输出 (AC/DC 可转换)	AC060kV(T,C AC100V)50mA(rated 1 hour) AC0-60kV (T,C AC100V) 50mA (设定为1小时) DC0+/-75kV 20mA(rated 1 hour) DC0+/-75kV 20mA (设定为1小时)	
Other 其它	With automatic discharging system 自动放电系统	
Impulse voltage generator 脉冲电压发生器		
Input receiving voltage 输入接收电压	DC0+/-60kV	
Nominal impulse generation voltagge 标称脉冲生成电压	+5kV-100kVp	+5kV-200kVp
Total electrostatic capacity 静电总电容	0.125 microF (0.25 microF*2S)	0.0625 microF (0.25 microF*4S)
Maximum receiving energy 最大接收电量	625 kWS	1.25 kWS
Generated waveform 生成波形	1*40microS/1.2*50microS' seleection)	
Output polarity 输出电极	Positive polarity/Negative polarity 正极/负极	
Impulse voltage measuring unit 脉冲电压测量部件		
Ball gap 球状间隙	62.5sq 62.5平方	125sq 125平方
Needle type/Parallel plate type/Square bar type 针形类型/平行碟形类型/方形栅类型		
Gap scale 间隙数值范围	With 100mm scale 数值在100mm以内	
Insulator tester 绝缘体测试器		
Oil tank (装) 油容器	W300 × D300 × H200mm	
Electrodes 电极	Sphere20sq/Plate50sq/Needle 球形20平方/碟形50平方/针形	
Accessories 附件		
Oil cup/grounding bar/Suspension insulator/Power code/ High voltage side wiring cord and neon cord 油杯/接地栅/悬浮绝缘体 电能代码/高压电线和氖线		
Option 可选项		
Oscilloscope (with stand) 示波器 (有支撑台)		