



Products name:Electrostatic Discharge Generator

Code Name:ESD61002AG

Meet the standard:IEC61000-4-2,EN61000-4-2

Product introduce:

Intelligent electrostatic discharge generator is designed specifically against electrostatic discharge immunity test requirements, and used to assess the electrical and electronic equipment to suffer from the operator and the surrounding objects electrostatic discharge interference, to provide a performance rating basis.

Product characteristic:

- Fully compliant with the latest standards of IEC61000-4-2
- LCD interface display ,Chinese or English menu, easy to use
- LCD display Intelligent control, Use the Programmable imported high-voltage power supply, Reliable performance
- Built-in international standards level parameters, simple
- Built-in international standards level parameters, easy to use
- Max output voltage up to 30kv
- Built-in the RS232 interface ,Remote operated by the optional control software.

Technical parameters:

| Model | ESD61002AG | ESD61002BG |
|-------------------------------|--|---------------------------------|
| Output voltage | 0.2-- $\pm 20\text{kV} \pm 5\%$ | 0.2-- $\pm 30\text{kV} \pm 5\%$ |
| Output polarity | Positive / Negative /Switchable | |
| Discharge capacitor | 150pF | |
| Discharge resistor | 330 Ω | |
| Current rise time | 0.7 ~ 1ns | |
| Working form | Discharge interval 0.05 ~ 99.99s , Testing form20PPS discharge; setting less than0.05s, be called single discharge | |
| Testing functions | Contact discharge | |
| | Air discharge | |
| Discharge times | Presetting times 1-9999 or infinite times | |
| Trigger mode | 1.Automatic 2.Manual 3.automatic voltage rises | |
| Working power supply | AC220V $\pm 10\%$,50 Hz | |
| Ambient temperature | 15 $^{\circ}\text{C}$ -35 $^{\circ}\text{C}$ | |
| Outline dimensions and weight | 350 \times 360 \times 175 mm 10kg | |



Products name:Electrical Fast Transient / Burst Generator

Code Name:EFT61004AG

Meet the standard:IEC61000-4-4;EN61000-4-4

Product introduce:

EFT61004AG is designed for EFT immunity test requirement. The test is intended to demonstrate the immunity of electrical and electronic equipment when subjected to types of transient disturbances such as those originating from switching transients (interruption of inductive loads, relay contact bounce, etc.).The instrument meets the latest standard IEC61000-4-4 ,with high reliability, stable performance, user-friendly design and many other features.

Product characteristic:

- Fully compliant with the new standards of IEC61000-4-4
- LCD interface display .Chinese or English menu, easy to use
- LCD display, Intelligent control, Use the Programmable imported high-voltage power supply, Reliable performance
- Programmable operation by a key setting
- Built-in international standards level parameters, simple
- Output waveform meets the requirements of 50 Ω and 1K Ω impedance
- Impulse injects the phase angle: asynchronous or 0-360 $^{\circ}$, free to set
- Max output Impulse frequency : 1200KHz
- Built-in the RS232 interface ,Remote operated by the optional control software.

Technical parameters:

| Model | | EFT61004AG | EFT61004BG |
|----------------------|--------|--|-------------------------------------|
| Output voltage | | 0.2~± 4.8KV | |
| Pulse frequency | | 1kHz---1200kHz ± 10%, adjustable | |
| Pulse polarity | | Positive or Negative or Switchable | |
| Resistor | | 50 Ω ± 20% | |
| Rise time | | 5ns ± 30% | |
| Impulse duration | (50 Ω) | 50ns ± 30% | |
| | (1k Ω) | 35 ns~150 ns | |
| Number of burst | | 1~255 | |
| Burst period | | 300mS (0.15—9.99 S adjustable, step 0.01S) | |
| Coupling path | | Built-in,single phase three line,16A | Built-in, three phase five line,16A |
| Working power supply | | AC 220V ± 10% 50/60Hz | |
| Ambient temperature | | 15 °C -35 °C | |
| Outline dimensions | | 435*420*185 mm | |

Prima

SUG61005BG

ISO TEST[®]



Products name: lightning surge generator

Code Name:SUG61005BG

Meet the standard:IEC61000-4-5

Product introduce:

Intelligent lightning Surge Generator is designed for Surge (impact) immunity test requirements with high reliability, intelligent control, user-friendly design and many other features. .The object of this product is to establish a common reference for evaluating the immunity of electrical and electronic equipment when subjected to surges and provides a consistent method to assess the immunity of an equipment or system against Surge.

Product characteristic:

- Fully compliant with the latest standards of IEC61000-4-5
- Large LCD interface display, Chinese or English menu, easy to use
- LCD display, Intelligent control, Use the Programmable imported high-voltage power supply, Reliable performance
- Programmable operation by a key setting
- Built-in international standards level parameters and user models parameters, simple
- Built-in intelligent coupling / decoupling network. Testing safety
- Impulse injected the phase angle asynchronous or 0-360 ° free to set
- The surge test Fully automatic switching without human operation
- Built-in the RS232 interface ,Remote operated by the optional control software.

Technical parameters:

| | |
|---|--|
| Model | SUG61005BG |
| Open -circuit t voltage/short-circuit current | Waveform parameters of Open -circuit t voltage: 1.2/50 μ s , 0.2~6kV Waveform parameters of short-circuit current 8 /20 μ s , 0.1~3kA |
| Surge polarity | Positive / Negative/Asynchronism |
| Phase | Synchronism 0 ° ~ 360 ° selectable/Asynchronism |
| Output impedance | Complex impedance: 2 Ω Insulation withstanding test impedance: 500 Ω |
| Coupling path | Built-in, one phase three line,,max 16A |
| Surge count | 1~9999 |
| Surge interval | 10~999S |
| Working power supply | AC220V 50/60Hz |
| Ambient temperature | 15°C~35°C |
| Outline dimensions | 480×520×320 |

Prima

DRP61011AG

ISO TEST®



Products name: cycle sag simulator DRP61011AG

Code Name: DRP61011AG

Meet the standard: IEC61000-4-11

Product introduce:

DRP61011 Series were designed for for voltage dips, short interruptions immunity test requirements and provide an assessment for the assessment of low-voltage grid connection of voltage dips, short interruptions interference. The products are fully compliant with the IEC61000-4-11 standard with intelligent, stable performance, easy operation features.

Product characteristic:

- LCD display, Intelligent control, stable performance
- Programmable design operated by a key setting function
- Built-in many user modes, programmable design, Easy to operate
- Built-in intelligent coupling/ decoupling network, Testing safety
- Built-in the RS232 interface ,Remote operated by the optional control software.

Technical parameters:

| | |
|-----------------------------|---|
| Model | DRP61011AG |
| Level of voltage dips | 0% ~110% |
| Dip duration | 1~9999(half cycle) |
| Phase | Synchronism 0 ° ~ 360 ° selectable/Asynchronism |
| Repetition time | 1~60000 |
| Dip interval | 1~9999(half cycle) |
| Trigger mode | Automatic , internal trigger |
| EUT power supply capability | AC220V,10A |
| Working power supply | AC220V 50/60Hz |
| Ambient temperature | 15 °C~35 °C |
| Weight | 20kg |
| Outline dimensions | 440×430×180 mm |

PRM61045A



Products name:Combined Disturbance Simulator

Code Name:PRM61045

Meet the standard:IEC61000-4-4,IEC61000-4-5

Product introduce:

PRM61045A is a multi-functional EMC tester which contains EFT and Lightning surge two functions,product complies with the latest standards IEC61000-4-4 and IEC61000-4-5

Product characteristic:

- EFT and SURGE two functions combined into a single, more cost-effective
- Built-in international standards level parameters and user models parameters,very convenient
- LCD display, Intelligent control, Use the Programmable imported high-voltage power supply, Reliable performance
- Built-in intelligent coupling/decoupling network. Testing safely
- Built-in the RS232 interface ,Remote operated by the optional control software.

Technical parameters:

| | | | |
|-----------------------|---|--|--------------|
| Model | | PRM61045A | |
| E F T | Output voltage | 0.2~± 4800V Positive/Negative//Switchable | |
| | Pulse frequency | 1kHz~300kHz ± 10%, adjustable | |
| | Resistor | 50 Ω ± 20% | |
| | Rise time | 5ns ± 30% | |
| | Impulse duration | 50 Ω load | 50ns ± 30% |
| | | 1k Ω load | 35 ns~150 ns |
| | Number of burst | 1~255 | |
| | Burst period | 300mS (0.15~9.99 S adjustable, step 0.01S) | |
| | EUT coupling path | Built-in,single phase three line AC220V,50/60Hz,max 16A | |
| S U R G E | Open -circuit t voltage/short-circuit current | Waveform parameters of Open -circuit t voltage: 1.2/50 μ s , 0.2~ 6kV Waveform parameters of short-circuit current 8 /20 μ s , 0.1~ 3kA | |
| | Surge polarity | Positive / Negative/Switchable | |
| | Phase | Synchronism 0 ° ~ 360 ° selectable/Asynchronism | |
| | Output impedance | Complex impedance: 2 Ω Insulation withstanding test impedance: 500 Ω | |
| | Coupling path | Built-in,single phase three line AC220V,50/60Hz,max 16A | |
| | Surge count | 1~9999 | |
| | Surge interval | 10~9999s | |
| | Working power supply | AC220V 50/60Hz | |



Products name: Combined Disturbance Simulator

Code Name:EED2005G

Meet the standard:IEC61000-4-2, IEC61000-4-4, IEC61000-4-11

Product introduce:

EED2005 test equipment is a multi-functional tester, it's the one to provide a multi-functions contains ESD, EFT and DIP. Product complies with the latest standards

IEC61000-4-2,IEC61000-4-4,IEC61000-4-11

Product characteristic:

- ESD, EFT, and DIP, three functions combined into a single one, more cost-effective
- Built-in international standards level parameters and user models parameters, simple to operate
- LCD display, Intelligent control, Use the Programmable imported high-voltage power supply, Reliable performance
- Built-in international standards level parameters and user models parameters, for convenience
- Built-in intelligent coupling /decoupling network. More secure
- Built-in the RS232 interface ,Remote control software are optional .

Technical parameters:

| Model | | EED2005G | |
|-------------------|---|--|--------------|
| ESD | Output voltage | 0.2~± 20 kV ± 5% (Or 30kV) Positive / Negative | |
| | Testing functions | Contact discharge/Air discharge | |
| | Working form | Discharge interval 0.05 ~ 99.99s , Testing form 20PPS discharge; setting less than 0.05s, be called single discharge | |
| | Discharge capacitor/ Resistor | 150pF /330 Ω (optional) | |
| | Current rise time | 0.6 ~ 1 ns | |
| EFT | Output voltage | 0.2 ~± 4.8KV Positive or Negative or Switchable | |
| | Pulse frequency | 1kHz~1200kHz ± 10%,adjustable | |
| | Resistor | 50 Ω ± 20% | |
| | Rise time | 5ns ± 30% | |
| | Impulse duration | 50 Ω load | 50ns ± 30% |
| | | 1k Ω load | 35 ns~150 ns |
| | Number of burst | 1~255 | |
| | Burst period | 300mS (0.15~9.99 S adjustable, step 0.01S) | |
| EUT coupling path | Built-in,single phase three line AC220V,50/60Hz,max 16A | | |
| DRP | Voltage range | 0% ~ 120% | |
| | Phase | 0 ° ~ 360 ° or Asynchronous | |
| | Duration time | 1~9999(half cycle) | |
| | Interval time | 1~9999 (half cycle) | |
| | Repetition time | 1~60000 (every time) | |

PRM61245A



Products name:Combined Disturbance Simulator

Code Name:PRM61245

Meet the standard:IEC61000-4-2,IEC61000-4-4,IEC61000-4-5

Product introduce:

PRM61245 A is a multi-functional EMC tester which contains ESD, EFT and Lightning surge three functions,product complies with the latest standards IEC61000-4-2,IEC61000-4-4,IEC61000-4-5

Product characteristic:

- ESD, EFT, and SURGE, three functions combined into a single, more cost-effective
- Built-in international standards level parameters and user models parameters,very convenient
- LCD display, Intelligent control, Use the Programmable imported high-voltage power supply, Reliable performance
- Built-in intelligent coupling/decoupling network. Testing safely
- Built-in the RS232 interface ,Remote operated by the optional control software.

Technical parameters:

| | | | |
|-------------------|---|---|--------------|
| Model | | PRM61245 | |
| ESD | Output voltage | 0.2~± 20 kV ± 5% (or 30kV)Positive / Negative | |
| | Testing functions | Contact discharge /Air discharge | |
| | Working form | Discharge interval 0.05 ~ 99.99s , Testing form20PPS discharge; setting less than0.05s, be called single discharge | |
| | Discharge capacitor/Resistor | 150pF /330 Ω (optional) | |
| | Current rise time | 0.6 ~ 1ns | |
| EFT | Output voltage | 0 ~± 4500V Positive/Negative//Switchable | |
| | Pulse frequency | 1kHz~300kHz ± 10%, adjustable | |
| | Resistor | 50 Ω ± 20% | |
| | Rise time | 5ns ± 30% | |
| | Impulse duration | 50 Ω load | 50ns ± 30% |
| | | 1k Ω load | 35 ns~150 ns |
| | Number of burst | 1~255 | |
| | Burst period | 300mS (0.15~9.99 S adjustable, step 0.01S) | |
| EUT coupling path | Built-in,single phase three line AC220V,50/60Hz,max 16A | | |
| SUG | Open -circuit t voltage/short-circuit current | Waveform parameters parameters of Open -circuit t voltage: 1.2/50 μ s , 0.2~6kV Waveform parameters parameters of short-circuit current 8 /20 μ s , 0.1~ 3kA | |
| | Surge polarity | Positive / Negative/Switchable | |
| | Phase | Synchronism 0 ° ~ 360 ° selectable/Asynchronism | |
| | Output impedance | Complex impedance: 2 Ω Insulation withstanding test impedance: 500 Ω | |
| | Coupling path | Built-in,single phase three line AC220V,50/60Hz,max 16A | |
| | Surge count | 1~9999 | |
| | Surge interval | 10~9999s | |
| | Working power supply | AC220V 50/60Hz | |