

Model HAC100-5**5kVA/100kVAC(100kVAC, 50mA)**

Manual Control Unit with SF6 gas type testing transformer

Outstanding nonflammability, little corona, unaffected by climate, light weight

Test Object: below 2000kVA transformers, bus bar, insulators, 35kV switches etc.

Application

AC hi-pot testing is the effective and direct way to test insulation strength for electrical equipment, apparatus or machines. It checks dangerous flaws which assure electrical equipment continuous working.

Typical applications include testing of transformers, switchgear, cables, capacitors, aerial motors platforms, hot sticks bucket bricks, vacuum bottles and other related equipment like vacuum interrupters, blankets, ropes, gloves, hydraulics hose, instruments transformers generators.

Features

- Digital display panel mounted controls & indicators with easy to read legend.
- Monitoring high voltage side voltage, low voltage side current and indicator of zero, power, working start, timing.
- Over-current protection, zero-starting protection, sound and light alarm.
- Continuously variable output from zero to full voltage.
- Adjustable over current protection, with trip levels variable from 10 to 110%.
- With new type time relay, time range is more wider (1S ~ 99H).

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- Using the latest current relay, more accurate and reliable.
- Light weight, small size, easy to move.

Technical Specifications

Input	AC220V \pm 10%
Frequency	50Hz \pm 1
Output	0-100kV, AC RMS
Rating	100%Rated-1minute, 50%-continuous
Capacity	5kVA
HV Source	SF6 gas filled transformer(Gas type testing transformer)
Output control	Manual control
Voltage accuracy	\leq 1.5% (F.S)
Current Accuracy	\leq 1.5% (F.S)
Timing range	0-99H
Metering	Digital display, kV meter: AC 0-100kV, mA meter: AC 0-50 mA
Humidity	85% RH
Environmental temperature	-20 $^{\circ}$ C \sim 50 $^{\circ}$ C
Weight	Control Unit: About 18kg Gas Testing transformer: About 55kg.

Accessories

Control Unit	1 piece
SF6 gas Testing transformer(HV unit)	1 piece
Power cord	1 piece
Metering cable	1 piece
Output cable	1 piece
HV cable	1 piece
Ground cable	1 piece
User's guide	1 piece
Factory test report	1 piece