

KV60-50D

AC/DC Hipot Test Set

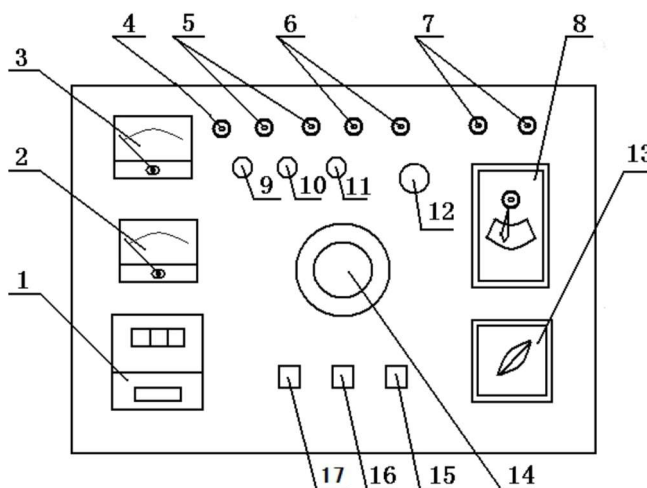


- The AC/DC Hipot Test Set is designed for dielectric withstand voltage testing (power frequency withstand voltage testing) and includes one manual controller and one oil transformer. It offers superior performance, reliable functionality, an appealing design, and is easy to operate and maintain.
- With the addition of a DC rectifying diode at the high-voltage output terminal (available as an optional accessory for buyers), it can provide a DC output of up to 84 kV.

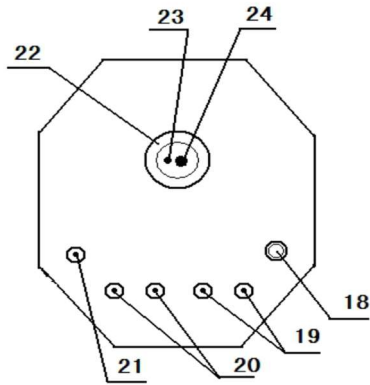
SCHEMATIC DIAGRAM & STRUCTURE LAYOUT

i) Panel layout

The equipment features a box-type structure made from aluminum alloy. It is equipped with a simple alarm circuit, reliable performance, and includes a time-setting function along with synchronized sound and light alarms.



- 1—Time Set
- 2—Low Voltage Current
- 3—High Voltage
- 4—Ground
- 5—Meter
- 6—Output
- 7—Power Input
- 8—Overcurrent Protection
- 9—Close Indicator
- 10—Open Indicator
- 11—Zero Reading
- 12—Audible And Visual Alarm
- 13—Switch
- 14—Output Regulation
- 15—Time Switch
- 15—Stop
- 16—Start

ii) Oil transformer


- 18—Oil Cover
- 20—Meter
- 21—Grounding
- 22—Equalizer
- 23—Grounding
- 24— DC output (No this function for this type)

TECHNICAL PARAMETERS
Control unit:

1. Capacity: 3KVA
2. Input Voltage: AC220V 50Hz
3. Rated Input: 13.6A
4. Output Voltage :0~250V
5. Power Output :0~13.6A
6. Size : 49 x 38 x 39 cm
7. Weight : GW/NW : 45kgs/28kgs


 Control unit (left) and control unit pictured with trolley (right)
 (trolley not included)

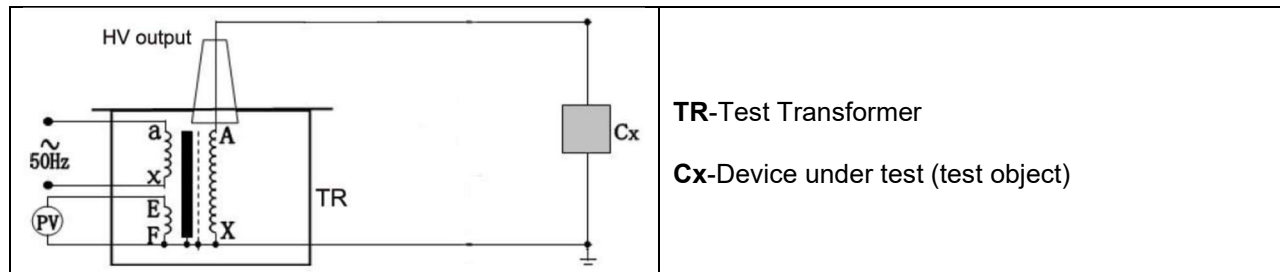
Oil transformer:

1. Capacity : 3KVA
2. Input Voltage : AC220V 50/60Hz
3. Power Input : 13.6A
4. Output Voltage : AC:0-60KV; DC: 0-84KV
5. Output current : AC:0-50mA; DC: 0-35.7mA
6. Transformer Ratio : 1 : 1000
7. Accuracy : <2% (F.S)
8. Size : 40 x 35 x 65 cm
9. Weight : GW/NW : 65kgs/45kgs

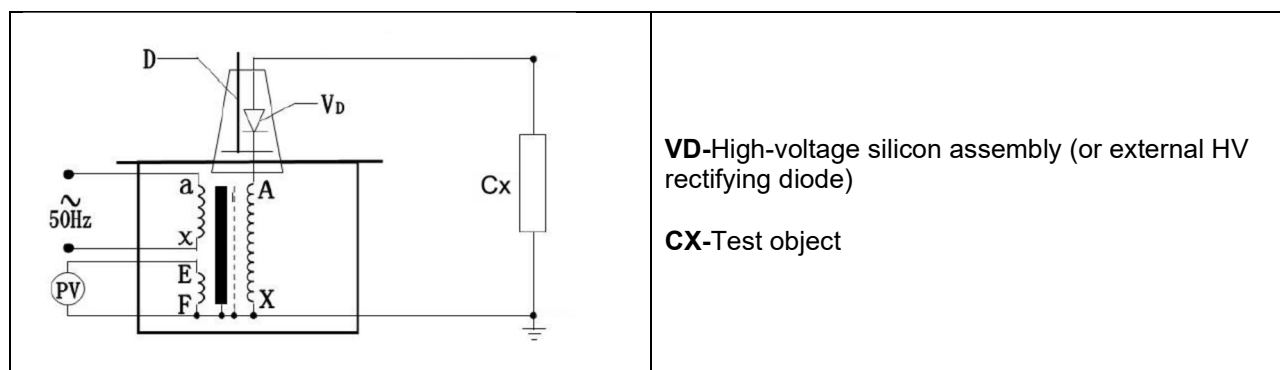


REFERENCE WIRING DIAGRAM

i) Simple connection (AC testing):



ii) Simple connection (AC testing):



STANDARD ACCESSORIES

Sr no	Description	Qty
1	Control unit 3KVA	1 unit
2	Oil transformer 3KVA/60KV	1 unit
3	Power supply cable	1 unit
4	Connection cables from Controller to Transformer	1 set
5	Calibration report	1 unit
6	Operating manual	1 unit

ORDERING INFORMATION

Item	Cat. No.
KV60-50D	HT-26050