

HV TESTER / HIGH VOLTAGE TESTERS

Features of H.V. Tester are :

- Compact & Simple To Operate.
- Audio Visual indication for presence of high voltage
- Microcontroller based motorised Semi-Automatic sets are available.
- Zero interlock for HV output
- Continuously variable test voltage
- Highly sensitive electronic circuit for tripping
- Micro controller Based Sets are also available
- Analog Or Digital read-outs
- Adjustable Leakage current



We are one of the leading manufacturers of a quality range of H.V. Test Sets. Compact and easy to use, these are provided with an audio visual indication for presence of high voltage. Further, these test sets are available in AC as well as Dc outputs up to 200 KV of voltage.

AUTOMATIC VERSION

Following parameters can be set by 4x4 matrix keypad :

- Output Test Voltage
- Leakage / Trip Current Limit
- Test Duration (Time)

HV tester with built in printer, with RS 232 interface & with both the features are considered as Automatic version HV test set. In Automatic HV Test Set both types like with AC output & with DC output instrument are available.

SEMI AUTOMATIC VERSION

Following parameters can be set by push button with potentiometer and thumb wheel switch :

- Output Test Voltage
- Leakage / Trip Current Limit
- Test Duration (Time)

Once above parameters set and the high voltage is started the instrument will automatically raise the voltage. On reaching of the test voltage, control circuit will start command to timer. After completion of duration motor will come back.

ORDERING INFORMATION

Output	Analog Meters	Analog Meters with Digital Timer	Digital Meters	Digital Meters with Digital Timer	Digital Meters with built in Printer	Digital Meters with RS232 interface	Digital meters with printer & RS232 interface	Semi Automatic
AC	HV #	HV # T	HV # DIGI	HV # T DIGI	HV # P	HV # RS	HV # PRS	HV # SEMI
DC	-	-	HV # D	HV # D T	HV # D P	HV # D RS	HV # D P RS	HV # D SEMI
AC/DC Combined	-	-	HV # AD	HV # AD T	HV # AD P	HV # AD RS	HV # AD P RS	HV # A D SEMI

TECHNICAL SPECIFICATIONS:

Sr no	Model no	OP Voltage	Trip Current	Sr no	Model no	OP Voltage	Trip Current
1	HV 1	0 to 5 KV	30 mA	11	HV 11	0 to 50 KV	100 mA
2	HV 2	0 to 5 KV	100 mA	12	HV 12	0 to 60 KV	50 mA
3	HV 3	0 to 10 KV	30 mA	13	HV 13	0 to 60 KV	75 mA
4	HV 4	0 to 10 KV	100 mA	14	HV 14	0 to 60 KV	100 mA
5	HV 5	0 to 20 KV	30 mA	15	HV 15	0 to 75 KV	50 mA
6	HV 6	0 to 20 KV	100 mA	16	HV 16	0 to 75 KV	75 mA
7	HV 7	0 to 30KV	20 mA	17	HV 17	0 to 75 KV	100 mA
8	HV 8	0 to 30 KV	100 mA	18	HV 18	0 to 100 KV	50 mA
9	HV 9	0 to 50 KV	20 mA	19	HV 19	0 to 100 KV	75 mA
10	HV 10	0 to 50 KV	50 mA	20	HV 20	0 to 100 KV	100 mA

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Input Supply : 230 V AC / 1 phase, 50 Hz

Metering : a) Analog / Digital Kv Meter
b) Analog / Digital mA meter

Transformer : a) Up to 5 Kv - oven Baked varnished type
b) Up to 50 Kv - Epoxy resin cast type
c) 50 Kv and above Oil immersed type

Indications : a) HT ON
b) HT OFF
c) Mains ON

Enclosure : HV test set are housed in powder coated sheet metal cabinet.

HV Probe : HV test probe with 1.5 Mtr. Cable will be supplied up to 10 Kv range.

AJIT ELECTRONICS COMPANY

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