

**UDEY**<sup>®</sup>

## DC High Voltage Testers (HIPOTS)-Series GEZ



### Features:

- Portable: light weight, 2 unit construction
- Rugged, Reliable
- Digital readout of test voltage in kV, leakage current in  $\mu\text{A}$  / mA.
- Contains all features needed for electrical maintenance, testing of new or installed electrical apparatus like cables ect.

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# DC High Voltage Testers (HIPOTS)-Series GEZ

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### Introduction

These portable testers have been designed to be used in testing high voltage equipment in power engineering. Routine testing of the insulation and leakage is a necessary requirement for surge arresters, cable breakdown testing, capacitor charging and other laboratory use.

### Main Features

- Switched-mode technology utilizing pulse width modulation to control the output voltage accurately.
- Voltage divider is an integral part of the tester with an surge limiting resistor.
- Tester delivered in two sections: Control and HV unit. Each packed in a flight case for easy transportation.
- Testers of over 200kV voltage, HV unit has adjustable legs to increase the equipment's stability.
- Digital kilo voltmeter and  $\mu\text{A}/\text{mA}$  meters display the test voltage and leakage current.
- Zero start up. Audible alarm and LEDs for breakdown and over voltage occurrences.
- Small dimension. Low weight. Carried conveniently.
- Discharge pole with limiting current impedance.

### Technical Data

Supply power	: 230V AC $\pm$ 10%, 50 Hz.	Measurement accuracy of	$\pm$ 1.5% $\pm$ 2 digit.
Output voltage	: As per model.	voltage and current	:
Output current	: As per model.	Environment temperature	: 45°C
Ripple factor	: $\leq$ 0.35%.	Relative humidity	: 90%.
Trip mA	: 1.15 times rated	Relative altitude	: 2000m
Rating	: current.		
	Intermittent. (Max.30		
Accuracy and stability	minutes at full load).		
of HV adjustment	:		
Meters	: <0.5%.		
	LED digital readouts for		
	kV: Double range		
	mA: Double range		

### Accessories

- Molded mains card - 1 No.
- HT Leads Shielded, 3 meter long (Up to 120kV only) - 1 Pair
- Extra mA meter, digital in HT side - 1 No.
- Interconnecting cable, 3 Meter long - 1 No.
- Earth cable, 4 meter long - 1No.
- Discharge rod - 1 No.

Model	Output	Control Unit		HV Unit	
		Dimension(cm)	Weight(kg)	Height(mm)	Weight(kg)
GEZ-80-5	80kV/5mA	22×34×30	7	800	17
GEZ-100-5	100kV/5mA	22×34×30	7	880	20
GEZ-120-5	120kV/5mA	22×34×30	7	880	20
GEZ-160-2	160kV/2mA	22×34×30	7	905	19
GEZ-200-5	200kV/5mA	40×50×27	16	1200	23
GEZ-250-5	250kV/5mA	40×50×27	16	1205	25
GEZ-300-5	300kV/5mA	40×50×27	16	1208	25

\* Specification subject to change due to constant up gradation.

Models beyond 300 kV against specific inquiry



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