



ABN 43 064 478 842

➤ 231 osborne avenue clayton south, vic 3169
PO box 1548, clayton south, vic 3169
t 03 9265 7400 f 03 9558 0875
freecall 1800 680 680
www.tmgtestequipment.com.au

Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

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UDEY

AC HIPOTS : ELECTRICAL SAFETY TESTER FOR RUBBER GLOVES & SAFETY BOOTS



Picture for representation only

Introduction: UDEY SGT series' of AC High Voltage testers are the second generation range of UDEY's famous 'HP series' of HV breakdown testers. The main difference is that the output is motorized, timer is added and are compact much lighter in size and weight. ***This is specially designed for the testing of electrical safety tester for rubber hand gloves and boots.***

Description: 'HT series' uses epoxy resin insulated high voltage generating transformer, housed in a sheet steel tank with rollers and lifting handles.

Features:

- Panel mounted controls and indicators with easy to read legend
- Multiple rate of rise of voltage
- Continuously variable motorized output control
- Multi-range kV + mA meter
- Timer of 1-3-4-5 minutes

Safety features:

- Zero start interlock (User must always raise voltage from minimum. HV is switched on only when voltage control is brought to zero)
- External interlock on test fixture
- Audio + Visual alarms
- Fast acting over load circuit breaker. MCB-magnetic overload protection

UDEYRAJ ELECTRICALS PRIVATE LIMITED
[international source for power utility T & M equipments]

212-A H.S.Industrial Estate,
85/86 MV Road, Mumbai 400 059
www.udeyraj.com e-mail:udeyraj@vsnl.com
Ph: 022 66916181 Fax: 022 66942787

AC HIPOTS : ELECTRICAL SAFETY TESTER FOR RUBBER GLOVES & SAFETY BOOTS

Specifications

Voltage source	: Copper double wound, dry epoxy resin insulated H.T. Transformer.
Output control	: Continuously variable by motorized control.
Rate of rise of voltage	: 500-1000-2000V per second
Rating	: Intermittant
Metering	: Analog, 96 mm ² , linear three ranges, kV Meter in the input Analog, 96 mm ² , linear three scaled. mA Meter in the output. Accuracy: $\pm 3\%$ full scale deflection.
Protection	: MCB, a fast acting D.C. relay isolates the H.T. at trip level.
Interlocking	: Zero-start interlocking for H.V. output.
Timer	: 1-3-5 minutes.
Auxiliaries	: Mains switch, Push-buttons for 'H.T.ON', 'H.T.OFF', 'RESET', 'RAISE' 'LOWER', contactor operated.
Indicators	: 'Mains', 'HT OFF', 'HT ON', 'READY', 'Breakdown'.
Termination	: H.T. End insulated and other end at earth potential.
Enclosures	: The unit will be in two parts: Control Unit : Houses switches, MCB, lamps, variac etc in a sheet metal case with castors. H.T. Unit : Sheet steel tank with rollers and lifting lugs.
Accessories	: 1. Mains wires, 2 meter long. 2. Inter connecting cables 5 meter long. 3. Jig to hold two gloves. 4. Jig to hold two boots. [OPTIONAL extra] 4. Instruction manual.

MODEL	INPUT AC	OUTPUT AC RMS		kV meter	mA meter	Trip
		kV	mA	kV	mA	mA
SGT-30	240V	0-30	50	0-5-15-30	0-10mA-25-50mA	50
SGT-50	240V	0-50	50	0-5-25-50	0-10mA-25-50mA	50
HIGHER kVA RATINGS AND VOLTAGE MADE AGAINST SPECIFIC REQUIREMENTS						

HIGHER kVA RATINGS AND VOLTAGE MADE AGAINST SPECIFIC REQUIREMENTS

Specs subject to change due to constant up gradation

Catalog # SGT-09

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212-A H.S.Industrial Estate,
85/86 MV Road, Mumbai 400 059
www.udeyraj.com e-mail:udeyraj@vsnl.com
Ph: 022 66916181 Fax: 022 66942787