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Test & Measurement

- > sales
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- > calibration
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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.

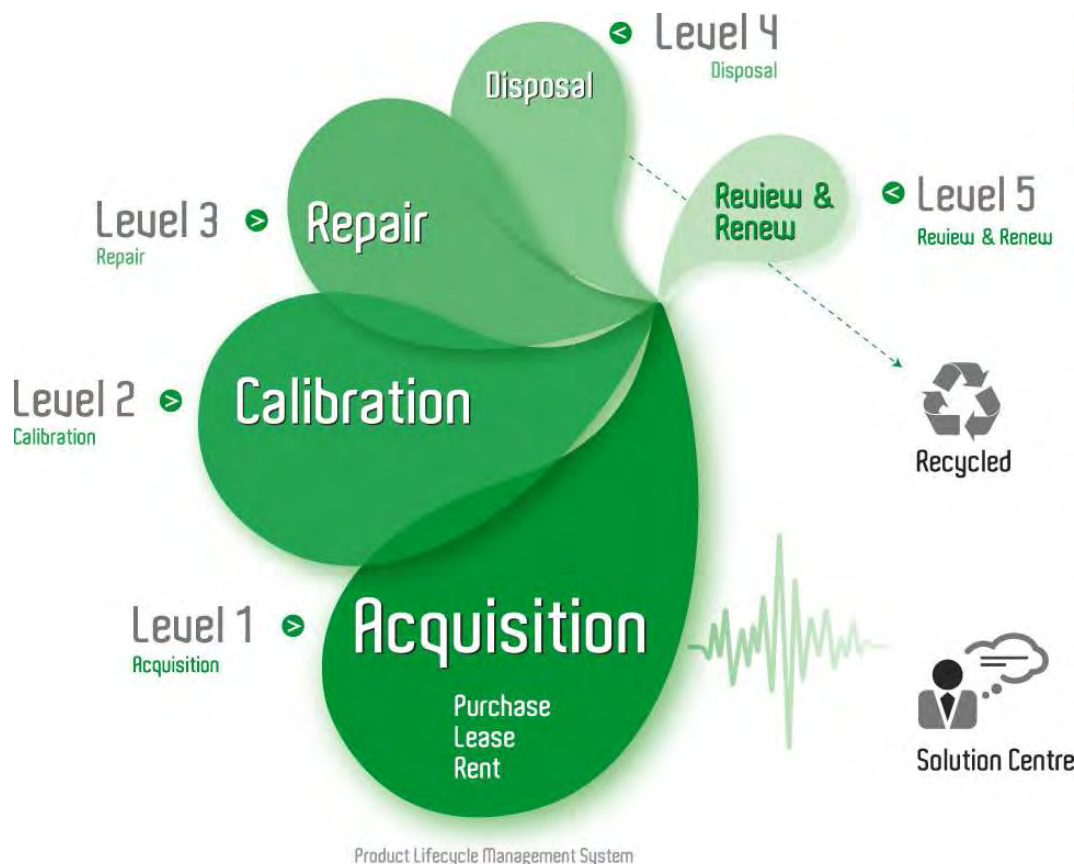
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Product Lifecycle Management System

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UDEY

AC HIPOT TESTER: HTU-5

[micro processor controlled]



Main features:

- Voltage ramp-up / ramp down function
- Upper and lower limit leakage current preset function
- Over voltage, over current protection. Clears to zero by manual mode.
- Large VFD display, with key parameters display in large font size
- Good judgment in large window and alarm function
- Simple and convenient operations
- Rise-time control function

SPECIFICATIONS:

Input voltage	: 220/230 Volts, 50 Hz, single phase AC supply.
Rated output	: 500VA [AC: 5kV/100mA]
Output voltage Set and Range	: 0.2kV-5.00kV AC, 10V per step.
Output voltage adjustable rate	: $\pm 2.5\%$ of setting +10V.
Output voltage resolution/accuracy	: 10V, $\pm 2.5\%$ of setting +10V.
Output frequency range/Accuracy	: 50 Hz
Output voltage wave form	: Sine wave for pure resistive load, >200V, distortion < 5%
Upper and lower limit leakage current setting	: Upper+ Lower: 010-100.00mA; [0 disable in lower]. 0.01mA per step.
Leakage current measurement	: 0.100-3.499mA / 3.50-100.00mA
Leakage current resolution	: 0.001mA / 0.01mA
Leakage current accuracy	: $\pm 2.5\%$ of reading +5 counts
Ramp-up time setting range & resolution	: 1.0-999.9 sec with 0.1s/step
Test time setting range/resolution	: 1.0-999.9 sec [LLL=continuous] 0.1sec/step
Breakdown current measure range	: 000-100.0 mA
Alarms	: Buzzer and light alarm
Test line clear to zero	: 0-0.500mA, manual clear offset
Optional	: RS 232, RS 485 interface function. Remote control [PLC].
Accessories	: High voltage test leads & operating manual.
Dimensions [W x D x H]	: Desk top style: 400 x 450 x 160 mm

AC + DC HIPOT TESTER: HTU-AD

[micro processor controlled]

Main features

- Compliant with IEC60335, GB4706 standard requirements
- Large blue LCD display, with key parameters display in large font size
- Good judgment in large window and alarm function
- Simple and convenient operations
- User limitation verification with 8 programmable groups
- Rise-time control function
- Upper and lower limit alarm, open and short circuit alarm protection
- Automatic high speed test, auto-shift function

Brand / Model : 'UDEY
Input Voltage : 220/230 Volts, 50 Hz, single phase AC supply.

AC HIPOT TEST

Output Voltage Setting/Test range : 100-5000V AC 100mA, 1V/step.
Output voltage adjustments : $\pm 2\%$ of setting +5V.
Output voltage Resolution/Accuracy : 10V, within $\pm 2\%$ of setting +5V.
Output frequency range/Accuracy : 50 Hz (default) or 60 Hz (optional), ± 100 ppm.
Output voltage wave form : Sine wave for pure resistive load,
>200V, distortion <2%, 100V-200V <5%
Breakdown current range : 0.000-3.500mA / 3.50-99.99mA
Breakdown current resolution : 0.001mA / 0.01mA
Breakdown current Alarm Upper : Upper limit 0.00-99.99mA, 0.01mA/step
Lower limit setting range : Lower limit 0.000-9.999mA, 0.001mA/step
Breakdown current accuracy : Above 0.2mA better than $\pm 2\%$ of rdg+5 counts.
Below 0.2mA better than $\pm 2\%$ of rdg+10 counts.
Rise time/Fall time/Test time : 0.0-999.9s / 0.0-999.9s / 0.5-999.9 s with
setting range : 0.1s/step
Offset cancellation function : 0-2.000mA, Auto or manual offset compensation

DC HIPOT TEST

Output Voltage Setting/Test range : 100-6000V AC 10mA, 1V/step.
Output voltage Regulated Rate : $\pm 2\%$ of setting +5V.
Output voltage Resolution/Accuracy : 10V, within $\pm 2\%$ of setting +5V.
DC Ripple Quotient : ? 5% (under 6kVDC <1mA resistive load).
Breakdown current measure range : 0.0-350 μ A / 300-3500 μ A / 300-9.99mA
Breakdown current measure : 0.1 μ A / 1 μ A / 0.01mA
resolution and accuracy
Breakdown current Alarm Upper : Upper limit 0-9999 μ A, 1 μ A/step
Lower limit setting range : Lower limit 0.000-999.9 μ A , 0.1 μ A /step
Rise time setting and measurement : 0.0-999.9s / 0.5-999.9s with 0.1s/step
time range
Offset cancellation function : 0-200 μ A, Auto or manual offset compensation
Dimensions [W x H x D] : Desk top style: 400 x 156 x 475 mm

Specs subject to change due to constant up gradation
Catalog # HTU-09