



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

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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.

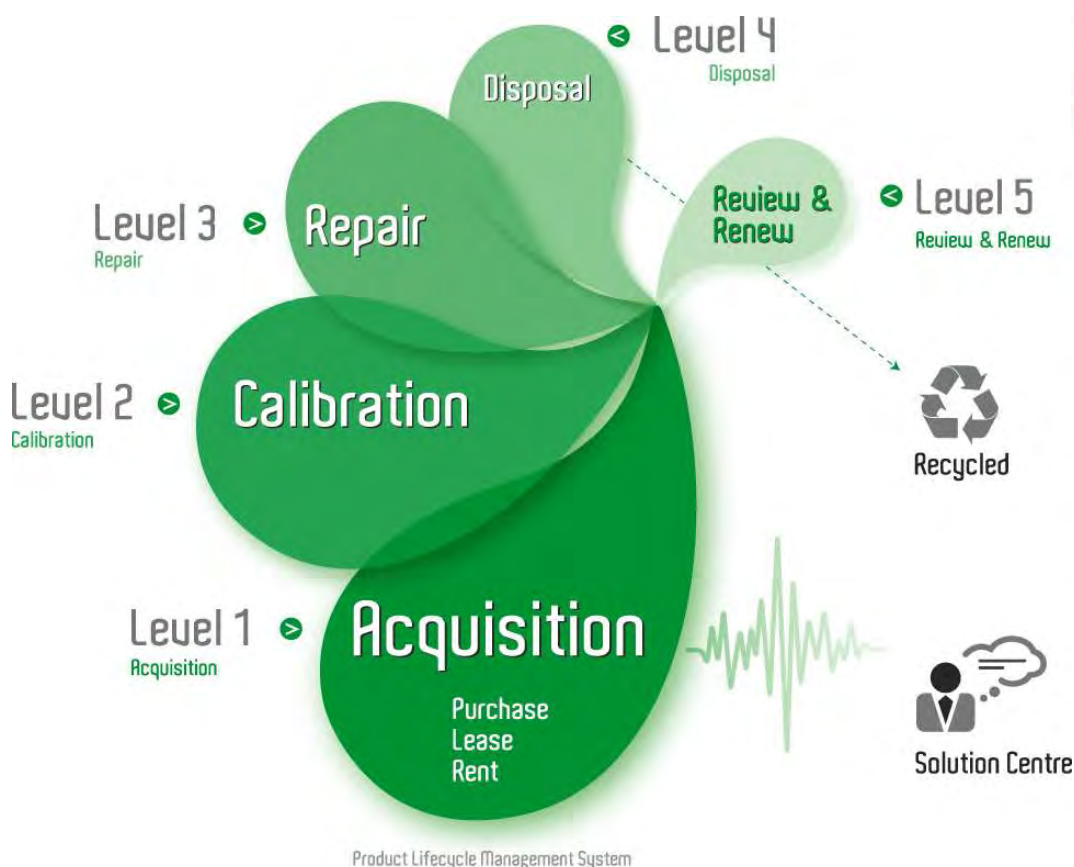
TMG will assist if you are unsure whether this model will suit your requirements.

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

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

TMG Corporate Website

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typical photo for representation only

FEATURES:

- Panel with clear easy to follow legend.
- Ammeter-current transformer operated.
- Continuously adjustable output.
- Output isolated from mains.
- Auto cut off after test.
- Built in crystal controlled digital Timer.
- Tests devices with or without auxiliary contacts.

DESCRIPTION:

The 'UDEY CBRS' tester is a high current circuit breaker and loading tester. This tester tests by means of current injection. 'UDEY CBRS' incorporates variable regulator, step-down loading transformer and necessary controls and instrumentation for testing thermal, magnetic or solid state motor overload relays, molded case circuit breakers and ground fault devices.

APPLICATIONS:

Protective devices such as relays, overload coils and circuit breakers should be checked on installation and at regular intervals when in service. Routine current injection tests will quickly detect faulty or incorrectly adjusted device. The 'UDEY CBRS' is suitable for all these applications. Besides checking the correct functioning of the protective device, it is usually necessary to measure the operating time. 'UDEY CBRS' has a built in timer to measure the operating time.

SPECIFICATION:

SUPPLY VOLTAGE	: 240± 10% Volts, 50 / 60 Hz, a.c. single phase..
CURRENT OUTPUT	: CBRS-5 : 500A at 3.5V; 250A at 7V; 125A at 14V; 25A at 70V. CBRS-2 : 250A at 3V; 125A at 6V; 25A at 25V; 5A at 125V
OVERLOAD RATING	: The current ratings may be exceeded for short durations. : 100 % current: 30 minutes ON / 30 minutes OFF. : 200 % current: 3 minutes ON / 8 minutes OFF. : 300 % current: 30 seconds ON / 5 minutes OFF. : 400 % current: 8 seconds ON / 5 minutes OFF. The magnitude of the output current is determined by the impedance of the load circuit, the voltage rating must be sufficient to push the desired current through the device under test and connecting leads.
METERING	: Digital ammeter, 3 ½ Digit 12mm LED, Display;600 Amp Accuracy:± 1% ± 3 digits. Current transformer operated. Accuracy: Class 0.5
TIMER	: 4 Digit, 12 mm LED, crystal time base. Multi-range : a) 9.999 seconds b) 99.99 seconds c) 999.9 seconds
TIMER CIRCUITS	: The timer automatically starts when the output is initiated and automatically stops the timer when the device under test operates. TEST CONDITIONS: 1) Current actuated devices without auxiliary contacts. The timer stops when output is interrupted. 2) Normally open contacts: When contacts close, the timer stops. 3) Normally closed contacts: When contacts open, the timer stops
PROTECION	: MCB and fuse.
AUTO CUT-OFF	: Cuts off output on operation of 'NO' and 'NC' contacts.
CONSTRUCTION	: Rugged metal case with cover, powder coated with lifting handles.
ACCESSORIES	: (a) Operating Manual. (b) Mains cord 3 Core : 2 meter long. (c) Flexible test lead : 10 meter long. (d) Timer contact lead: 2 meter long

Cat.# udey CBRS-2009

Specs subject to change without notice