

LOGMASTER TLC-981

TRANSFORMER LAST CHECK

 **FOR USE ON DE-ENERGIZED TRANSFORMERS** 

FEATURES:

- **Dynamic Auto Ranging Microprocessor**
- **Visual and Audible Test Result**
- **Built in Self Test, with Low Battery Indicator**
- **Long Battery Life**
- **Weatherproof ABS Enclosure**
- **Magnetically Sticks to most Transformers**
- **Low Temperature Operation**
- **Hard Shell Storage Case**
- **Designed and Manufactured in Canada**



LOGMASTER TLC-981 SPECIFICATIONS

Tests Transformers up to 3300 KVA

Visual Output: High Brightness LEDs'

Audio output: 2400Hz audio buzzer

Test Leads: Self Coiled 600 Vdc insulated

Lead Length: 12 in relaxed to 60 in extended reach.

Operating temperature range: -40C to +40C

Battery: 9V alkaline

Weight: 2lbs including carrying case

Broy Engineering Limited
TORONTO, ONTARIO

The Logmaster TLC provides an extra safety margin to line crews who are about to close in on a new or suspect transformer. This quick test provides a visual and audible output indicating that the transformer is PASS, SHORT, or OPEN. Each of the three possible results has a distinct visual and audible indication. The TLC 981 uses a microprocessor to impulse the transformer winding under test, analyze the response to this impulse, and determine what output is appropriate. The dynamic range selection which is controlled by the microprocessor makes the TLC effective on a wide range of transformers. The TLC has been conveniently packaged in a

rugged, weatherproof ABS plastic enclosure which includes two powerful strip magnets to hold the TLC in place on most transformers. The coiled test leads extend to a combined reach of 10'. 40amp alligator clips provide strong clamping pressure to break through corroded transformer terminals. The TLC user is protected by an internal fuse should the tester be **inadvertently** connected to a live circuit. When not in use the TLC and its test leads are stored in a hard shell polyethylene carrying case. Compact rugged design, long battery life, and ease of use make the Logmaster TLC an outstanding value for all your line crews.

OPERATION

- Attach the test leads to the de-energized connections of the transformer under test.
- Push and hold the large button on the TLC.
- Wait for the test result output.
- Following indication of an **OPEN** test result it is recommended that the user repeat the test with one of the leads connected to the other, and verify that **SHORT** result is then indicated.

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