LOW OHM TEST PROBE

LTP-2 INSTRUCTION MANUAL

1. GENERAL

MODEL LTP-2 Low Ohm Test Probe is an optional accessory device for TOS6100 (or Model 872) AC Low Ohm Tester. The probe has a probe-side cable and a clip-side cable. To reduce the residual resistance in measurement, voltage sampling is done at the root of the test pin for the probe-side cable and at the root of the clip for the clip-side cable.

On its main body the probe has START/STOP switches for remote operation. The functions of the switches are identical with those of the START/STOP switches of TOS6100 Tester (or with those of the TEST/RESET switches of Model 872 Tester).

2. SPECIFICATIONS

Cable length:	Approx. 2m
Probe Dimensions:	Dia. approx. 19mm,
	Length approx. 150mm
Residual Resistance:	< 10mΩ
Remote Operation:	START/STOP switches (TEST/RESET switches)

3. TEST METHOD

1._ Connect the probe to the TOS6100 Tester (or Model 872 Tester) as follows:
   (a) Disconnect the shorting bar from the current/voltage sampling terminals of the TOS6100 Tester (or Model 872 Tester)
   (b) Connect the DIN plug of the probe-side cable to the remote control socket of the Tester.
   (c) Connect securely the spade lug (larger) of the probe-side cable to the CURRENT OUTPUT "HIGH" terminal of the Tester, and the other spade lug (smaller) to the VOLTAGE SAMPLING terminal.
   (d) Connect the spade lugs (larger one and smaller one) of the clip-side cable to the OUTPUT "LOW "terminal of the Tester in the same manner as above.
2._ Apply securely the probe test pin and the clip to test points of the device to be tested, press the START switch of the probe, and hold the probe securely in the applied state until the test period preset on the timer elapses.
3._ If the timer is not used, press the STOP switch when a test period (as required) has elapsed.
4._ When the TOS6100 (Model 872) has generated a FAIL signal (ALARM signal), it can be reset by pressing the STOP switch.

⚠ CAUTIO • Do not connect or disconnect the probe test pin and clip to or from the objective device when the Tester is delivering its test output. If you do this, the connecting surfaces of the objective device may be damaged by sparks of the connect or disconnect current.

Be sure to connect or disconnect the pin and clip only when the Tester is not delivering its test output (when the tester is in the READY (RESET) state).

---

4. REMOTE OPERATION SWITCHES

Namings of the operation switches differ between the TOS6100 Tester and Model 872 Tester as shown in the below table. The functions of the switches are virtually identical between the Testers. In this instruction manual, the switches of Model 872 Tester are indicated being enclosed in parentheses and the manual is applicable to both Testers.

Tester	Switch Naming	
TOS 6100	START	STOP
MODEL 872	TEST	RESET

Part No. Z1-960-602, IA001092 Printed in Japan

KIKUSUI ELECTRONICS CORP.
1-1-3, Higashiyamata, Tsuzuki-ku, Yokohama, 224-0023, Japan
Tel : 045-593-7570 Fax : 045-593-7571