



Figure 3. Low ac current - equipment setup.

(3) Set resistance standard (A10) for 1000 ohms.

(4) Adjust precision oscillator (A9) frequency to 1 kHz and output for a 100.00 μ A indication on TI. Differential voltmeter (A8) will indicate between 0.9965 and 0.10035 V ac.

(5) Repeat technique of (4) above at frequencies of 50 and 400 Hz. Differential voltmeter indication will remain between 0.9965 and 0.10035 V ac.

(6) Press RANGE 1 pushbutton.

(7) Assure resistance standard is set for 1000 ohms.

(8) Adjust precision oscillator frequency to 1 kHz and output for a 1.0000-mA indication on TI. Differential voltmeter will indicate between 0.9965 and 1.0035 V ac.

(9) Repeat technique of (8) above for frequencies of 50 and 400 Hz. Differential voltmeter indication will remain between 0.9965 and 1.0035 V ac.

(10) Connect equipment as shown in figure 4.