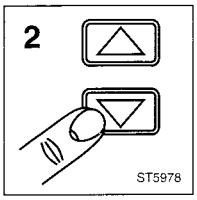
Requirements:

Table 4.3 Requirements for voltage accuracy test channel A, METER mode

Input signal	Requirements
300 mV DC	298.0...302.0V DC
300 mV RMS AC, 1 kHz	292.5...307.5V RMS AC
3V DC	2.980...3.020V DC
3V RMS AC, 1 kHz	2.925...3.075V RMS AC
30V DC	29.80...30.20V DC
30V RMS AC, 1 kHz	29.25...30.75V RMS AC

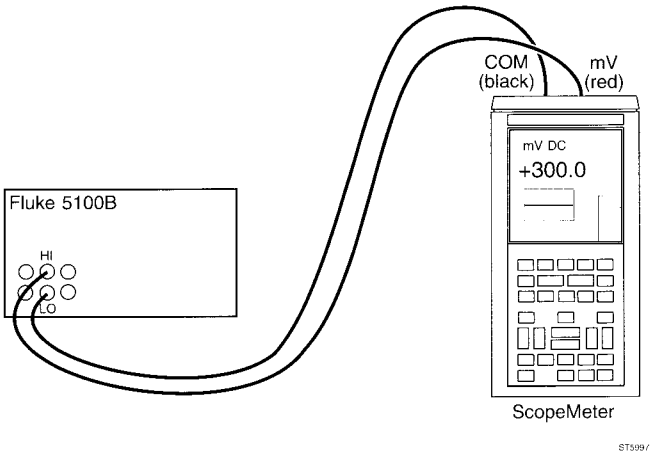
2. DC mV accuracy METER mode



These tests check the accuracy of the DC mV function. The signal must be supplied to the banana input connectors of the ScopeMeter.

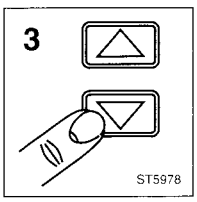
Test equipment:
Fluke 5100B Calibrator

Test setup:



Procedure/requirements:
A Apply 300 mV DC to the banana connectors of the ScopeMeter.
B Verify that the readout is between 298.2...301.8 mV DC.
C Apply 3V DC to the banana connectors of the ScopeMeter.
D Verify that the readout is between 2.982...3.018V DC.

3. Resistance accuracy



These tests check the accuracy of the resistance measurement function. The signal has to be supplied to the banana input connectors of the ScopeMeter.