

7.1.4 Main tests

7.1.4.1 Operation Verification Procedure

This test verifies the ScopeMeter with a minimum of test steps and actions. It does not check every facet of the ScopeMeter's characteristics, but it gives you an indication of correct operation.

For operation verification purposes, the ScopeMeter generates a 975 Hz/ 5V peak-to-peak square wave signal that can be measured and verified. This signal is measured in the SCOPE and METER mode.

NOTE: To use the ScopeMeter to its fullest capability it is essential to use only calibrated probes with your instrument. These calibrated probes are delivered with the ScopeMeter.

Operation Verification Procedure:

1. Turn ON the ScopeMeter.
2. Connect the red 10:1 scope probe to channel A (red BNC) input.
3. Connect the red adjust adapter to the red banana GENERATOR OUTput connector.
4. Connect the red probe to the red banana/scope tip adapter.
5. Press the **SCOPE** key.
6. Press the **LCD/CAL** key.
7. Press the **PROBE CAL** softkey to select the CALibration & ADJUST pop-up menu.
8. Press the select/adjust keys to select AC ADJUST of channel A.
9. Press the **ENTER** softkey to enter the AC ADJUST mode.

- Check the **SCOPE** display on the following settings and results:

Channel Configuration	Channel A
Vertical Amplitude	1V/div
Channel Input Coupling	AC
Probe Selected	PROBE x10
Time Base	100 μ s/div
Trigger Mode (Press SCOPE key)	Recurrent
Trigger Source (Press TRIGGER key)	Channel A
Trigger Slope (Press TRIGGER key)	+ Slope