

Spurious TTL SYNC	≤ -55 dBc available
Recommended	SRS DS335
<b>2. AC Calibrator</b>	
Freq Range	10 Hz to 100 kHz
Amplitude	1 mV to 10 V
Accuracy	0.1%
External phase locking capability	
Recommended	Fluke 5200A
<b>3. DC Voltmeter</b>	
Range	19.999 V, 4 1/2 digits
Accuracy	0.005%
Recommended	Fluke 8840A
<b>4. Feedthrough Terminations</b>	
Impedance	50 Ω

### Front Panel Display Test

To test the front panel displays, press the [Phase] and [Freq] keys together. All of the LED's will turn on. Press [Phase] to decrease the number of on LED's to half on, a single LED and no LED's on. Use the knob to move the turned on LED's across the panel. Press [Freq] to increase the number of on LED's. Make sure that every LED can be turned on. Press any other key to exit this test mode.

### Keypad Test

To test the keypad, press the [Phase] and [Ampl] keys together. The CH1 and CH2 displays will read 'Pad code' and a number of LED indicators will be turned on. The LED's indicate which keys have not been pressed yet. Press all of the keys on the front panel, one at a time. As each key is pressed, the key code is displayed in the Reference display, and nearest indicator LED turns off. When all of the keys have been pressed, the display will return to normal. To return to normal operation without pressing all of the keys, simply turn the knob.