1. KEITHLEY MODEL - 2614A (DUAL SOURCEMETER)

A. Feature

. Voltage Source, Voltage Measure, Current Source, Current Measure
. 1pA, 1 μ V Measurement sensitivity
. 10,000 readings/s Source/Measurement per second
. Four quadrant source operation
. Internal 50,000 reading memory buffer @5digits
. Built-in IEEE-488 Interface and RS-232 interface
. Built-in comparator for fast Pass/Fail testing
. Built-in Digital I/O for binning or component handler

B. Specification

1) Voltage Source
. Range : ±200mV, ±2V, ±2V, ±20V, 200V
. Resolution : 5 μ V at 200mV range
. Accuracy : ±0.02%

2) Voltage Measurement
. Range : ±200mV, ±2V, ±2V, ±20V, 200V
. Resolution : 1 μ V at 200mV range
. Accuracy : ±0.015%

3) Current Source
. Range : From ±100nA to ±1.5A, 10A
. Resolution : 2pA at 100nA range
. Accuracy : ±0.06%

4) Current Measurement
. Range : From ±100nA to ±10A
. Resolution : 1pA at 100nA range
. Accuracy : ±0.05%

5) Pulse specification
. Pulse width programming resolution : 1 us
. Pulse width programming accuracy : ±25 us

C. General

. Minimum source - delay- measure cycle time : 3ms
. Continuous measurement speed :110 reading per second
. Trigger latency time : <2ms
. Output load : Most be non – inductive
. Guard output impedance : 0.1Ω in Ohms mode
. IEEE-488 Interface

D. Remarks

. One year warranty after installation and correct operation.	1EA
. 2600-TRIAX (Triax Adapter For 2600 Series	2EA
. 4964 (BNC to BNC Cable)	3EA
. 5300 (Triax to BNC Adapter)	2EA
. 1894 (BNC to Banana Plug Jack)	1EA
. IV BASIC, FET SOFTWARE	1EA