

Product Name :
Oscilloscope

Product Code :
NJC0057



Description :

Oscilloscope

Technical Specification :

1. Type: handy type
2. Sample rate: 40MS/s
3. Input amplifier bandwidth: from 5MHz at 5mV/div to 12MHz at 50mV
4. Input impedance: 1 M ohm// 20pF
5. Max. input voltage: 100V
6. Display: LCD

TIME BASE

Sweep Speed:20 Calibrated steps. 0.1µs/div to 0.2s/div in 1, 2 & 5 sequence.

Accuracy:3%.

Sweep Magnifier:x10 Magnification increases the fastest sweep upto 10ns/div.

Accuracy:±8%.

Variable:Uncalibrated continuously variable control between steps, extends slowest sweep speed to 0.5s/div (approx.).

Hold Off Time:4:1 continuously variable.

TRIGGER SYSTEM

Sweep Mode:AUTO, NORM, SINGLE.

Source:CH1, CH2, ALT, LINE, EXT.

Slope:Positive or Negative.

Coupling:AC/DC coupling.

Trigger Sensitivity

Internal:Auto:1.0 div - 20Hz to 20MHz.

Normal:1.0 div - 10Hz to 20MHz.

Lock:2.0 div - 50Hz to 10MHz.

Alt:>3div - 50Hz to 20MHz.

External:Auto:0.3V p-p - 20Hz to 20MHz.

Normal:0.3V p-p - 10Hz to 20MHz.

Lock:0.3V - 50Hz to 10MHz.

HORIZONTAL DEFLECTION

Deflection Coefficient:Same as CH1.

Bandwidth:DC - 1MHz (-3dB).

Input Impedance:1M ohms // 25pF approx.

Phase Difference:<30 (DC - 50KHz).

COMPONENT TESTER

Component Tester allows V-I characteristics of a DeviceUnder Test (D.U.T.).

Test Voltage:7.5V r.m.s. (approx.).

Test Current:20mA max. (approx.).

Test Frequency:50Hz or 60Hz (MAINS).

GENERAL INFORMATION

Cathode

Ray Tube:140mm Rectangular screen,Internal Graticule, 8 x 10 cm,P31 phosphor. Accelerating potential : 2kV.

Z-Modulation:±5V p-p signal upto 2MHz modulates at normal intensity.

Calibrator:Provides 0.5V ±2%, 1KHz ±2%square-wave output for probe compensation.

Power Requirement:220V AC ±10%, 50Hz ±5%,35VA (max.).

Dimensions:130 (H) x 320 (W) x 400 (D)mm approx.Weight:7.2 Kgs. approx.

Standard Accessories:Instruction Manual, Mains cord,BNC to Crocodile Input Leads-2 Nos.

Optional Accessories :High impedance switch probe with x1 or x10 attenuation.

Environmental Specifications :Operating conditions Normal : 10°C to 35°C, RH45% to 85%.Operational : 0°C to 40°C,RH 35% to 90%.

Elegant, DC to 20MHz Bandwidth 1mV/div Sensitivity on Both Channels CH1 & CH2 Independent Channels CH1 or CH2 Trigger Signal Output Algebraic Addition and Subtraction X-Y Operation 10ns/div to 0.2s/div Time Base Z Modulation TTL Level 8 x 10 cm Display Internal Graticule TV Triggering Frame (V) & Line (H) Line Trigger, ALT Triggering, Trigger Lock Facility, Single Sweep, Variable Hold Off, Component Tester.

TRIGGER SIGNAL OUTPUT

Output Voltage:Minimum 100mV for 1 div ofCH1 / CH2 trigger signal.

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