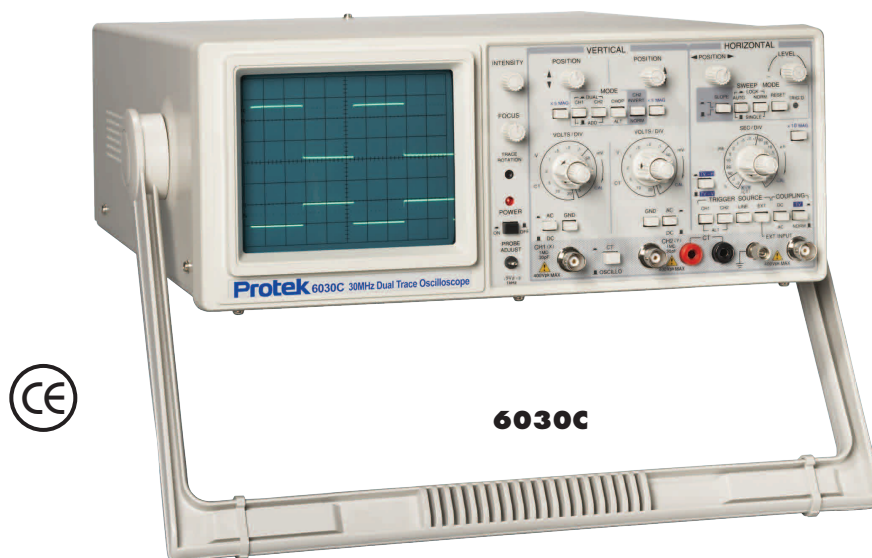


- 30 MHz Vertical Bandwidth (-3dB)
- LCR Component Tester
- Alternate Trigger for a stable display of unrelated signals
- X5 Mag for Vertical Input and X10 for Horizontal
- TV Synch Filter
- Trigger Signal Output
- High Brightness CRT with Internal Graticule



■ SPECIFICATIONS

Vertical Amplifier (CH 1 and CH 2)

Sensitivity: 5mV/Div to 20V/Div in 12 steps (1-2-5 seq);
1mV/Div to 4V/Div (X5 Mag)

Mag: X5

Accuracy: $\pm 3\%$ (5% in X5 Mag)

Bandwidth (-3dB): DC: 0Hz to 30MHz, AC: 10Hz to 30MHz

Rise Time: < 18ns (<70ns in X5 Mag)

Input Impedance: Res: $1M\Omega \pm 5\%$, Cap: 30pF

Input Coupling: AC, DC, GND

Invert Channel: CH2

CH1/CH2 Trigger Output: 100mV/Div into 50Ω

Display Modes: CH1, CH2, ALT, Chop, ADD, X-Y

Maximum Input Voltage: 400V (DC or AC peak)

Horizontal Sweep

Sweep Times: 100ns/Div to 0.2s/Div in 20 steps (1-2-5 seq);

10ns/Div to 20ms/Div (X10 Mag)

Mag: X10

Accuracy: $\pm 3\%$ (8% X10 Mag)

Sweep Modes: TV, Normal and Single

Triggering

Source: CH 1, CH 2, ALT, Line and EXT

Slope: Positive or Negative adjustable levels

Coupling: AC, DC, Normal/TV

Sensitivity:

Int: DC to 20MHz 1 Div, Ext: 0.3V p-p),

TV Int: 2 Div, Ext: 0.3V p-p

Trigger Lock: 50Hz to 10MHz 2 Div

External Trigger Input:

Impedance: $1M\Omega \pm 5\%$

Maximum Input Voltage: 400V (DC or AC p-p)

Z Axis Modulation

Minimum Input Level: TTL

Maximum Input Voltage: 50V or AC p-p

Polarity: Intensity increases as the voltage decreases

Input Resistance: $10K\Omega$

Bandwidth (-3dB): DC to 5MHz

X-Y Mode

Inputs: X-Axis (CH1), Y-Axis (CH2)

Sensitivity: Same as CH1

Frequency Response (-3dB):

DC: 0Hz to 1MHz, AC: 10Hz to 1MHz

Maximum Voltage: Same as CH1

X-Y Phase Difference: $< 3^\circ$

Calibrator Signal

Waveform: Square Wave

Amplitude: 0.5V $\pm 2\%$ p-p

Frequency: 1KHz $\pm 2\%$

Component Test

A 60Hz, 9V RMS signal is applied to the CH1 and CH2 input when the AC, DC, GND is in the GND position and the component test button is pushed in.

General Specifications

CRT: 8cm x 10cm (3.15" x 3.94")

Power Requirements: AC Input Voltage: 120V or 220V

Frequency: 50/60Hz

Power Consumption: 35W

Operating Temperature: 0 to 40°C (32 to 104°F)

Size: 5.1" (H) x 12.2" (W) x 16.45" (D)

Weight: 14.3 lbs

Accessories: Manual, Line cord, X1/X10 Probes (2),
Test Leads

Mouser Electronics

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