



TEKLAB Analog Oscilloscope use a vertical amplifier, horizontal amplifier, time base, power supply, and a cathode ray tube to measure an electronic instrument's voltage against time. **TEKLAB Analog oscilloscopes** test equipment by directly applying measured signal voltage to its vertical axis. An electron beam passes on the display screen of the oscilloscope representing the measured signal voltage.

TECHNICAL SPECIFICATIONS

Type	6-inch rectangular with internal graticule 8x10Div. (1Div.=1cm.)		
Accelerating voltage	2 KV		
VERTICAL SYSTEM			
Band width	DC (AC 10Hz) ~ 20MHz (-3dB)		
Sensitivity	5 mV~ 5V / Div. (±3%)		
Rise Time	≤ 17.5 n S		
Max. Input Voltage	400V (DC +AC p-p)		
Input Coupling	AC, DC, GND		
Input Impedance	≈ 1MΩ / 25 pF		
Vertical Mode	CH1, CH2, DUAL (ALT/CHOP) ADD, CH2 INV		
HORIZONTAL SYSTEM			
Sweep time	0.2 μS ~ 0.5S / Div. (±3%), x10Mag.20nS ~ 50mS / Div. (±5%)		
Sweep time accuracy	±3% (±5% in x 10Mag.) (20nS ~ 50 n S / Div. uncalibrated)		
Sweep magnification	10times.Maxsweeptime=20nS /Div.		
Linear	±5% (±10% in x 10 Mag.)		
TRIGGER			
Trigger Modes	AUTO, NORM, TV-V, TV-H.		
Trigger Source	CH1, CH2, ALT, LINE, EXT		
Trigger Coupling &Slope	AC,"+" or"-"		
Trigger sensitivity		20 Hz~2MHz	2 MHz~20MHz
	CH1, CH2	0.5Div.	1.5Div.
	ALT.	2.0Div.	3.0Div.
	EXT.	200 mV	800 mV
	TV sync pulse>1Div.or 1V (EXT.)		
External trigger input	Max. I/P = 400V (DC + AC peak) at 1KHz.I/P Imp.:1MΩ ± 3%, 25pF ± 5pF		
X-Y OPERATION			
Sensitivity	5mV ~ 5V / Div. (±4%). Phase Error: ≤3° (DC ~ 50KHz)		
X-axis bandwidth	DC~500 K Hz		
Calibrator Output	1 K Hz square wave, 2V p-p (±2%)		
Power Source	AC 220V ± 10%, 50Hz, ≈ 35W		
Accessories	Operating manual & Mains cord. Optional: Oscilloscope Probes (x1/x10)		
Dimension & Weight	310 (W) x 150 (H) x 455 (D) mm. Approx. 8Kg.		

**All Specifications & appearances are subject to change without prior notice*

MODEL: TL6020C - WITH COMPONENT TEST FACILITY