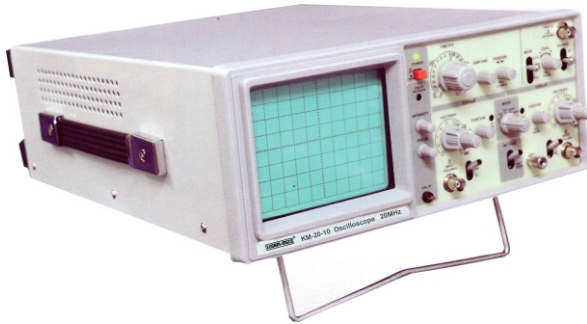


ANALOG OSCILLOSCOPE

Model KM-20-10 - 20MHz

NEW

Preliminary Data

ELECTRICAL SPECIFICATIONS :

- **CRT** : 6 inches rectangular screen with internal graticule, 8*10 div (1 div = 1cm) Vertical deflection.
- **Display mode** : CH1, CH2, CH3, ADD ALT & CHOP
- **Deflection factor** : 5mV / div to 5V / div \pm 3%, (1mV / div to 1V / div \pm 5% at*5), 10steps.
- **Rise time** : \leq 17.5ns
- **Max. Input Voltage** : 40V (DC+AC peak value) when \leq 1KHz.
- **Input coupling** : AC, DC, Grounding
- **Polarity selection** : \pm (CH2 only).

HORIZONTAL DEFLECTION :

- **Display mode** : 1, 10, X-Y
- **Time Base** : 0.2ms / div to 0.5s / div, 20 range
- **Sweep expansion width** : *10
- **Accuracy** : \pm 3%

FEATURE :

- Dual channels / dual traces, X-Y mode
- 6" display, high brightness oscilloscope tube
- High sensitivity triggering, upto 1mV / division clearer display than ordinary oscilloscope.
- TV synchronous separation circuit to observe stable TV signal.
- Triggering mode : AUTO / NORM / AV-V / AV-H
- Vertical : ALT / CHOP / ADD
X-x10 / Y-x5; Polarity reversal; CH1 Sync output
- **Power Supply** : AC 220V ADN (110V optional)

TRIGGERING SYSTEM:

- **Triggering mode** : NORM, AUTO, TV-V, TV-H
- **Triggering source** : CH1, CH2, LINE, EXT
- **Sensitivity & Frequency** : Auto : 20Hz-----100MHz (VERT)
Norm : 0.5div int, 0.8Vp---p EXT
0.5div INT, 0.5vp-----PEXT
TV-H : At least 1 div or 1V p-p
- **Input impedance** : 1M Ω

X-Y OPERATION:

- **X-Y phase difference** : \leq 3 \circ , DC--50KHz

OTHERS :

- **Calibration waveform** : Frequency : 1KH 20%
Voltage : 0.5v 1%
- **Power Supply** : AC 220V / 110V \pm 10%, 50 / 60Hz
- **Dimensions** : 370 X 310 X 130mm
- **ACCESSORIES** : User Manual & Mains Power Cord.

All Specifications are subject to change without prior notice.