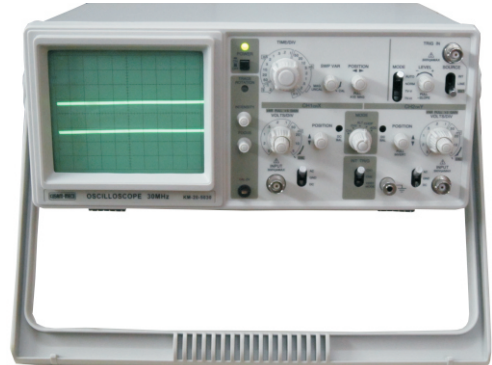


Model KM-20-5030(30MHz) / KM-20-5060(60MHz)

FEATURES :

- DC-30MHz / DC-60MHz
- Dual channels /dual traces, X-Y mode
- 6" display, high brightness Toshiba oscilloscope tube
- High sensitivity of triggering, up to 1mV/division
- Ch1 channel incremental magnification function for clearer observation than ordinary oscilloscope.
- TV synchronous separation circuit for displaying stable TV signal
- Trigger mode : AUTO/ NORM / TV-V/ TV-H
- Vertical : CH1/ CH2 /ALT/ CHOP/ADD
- X-x10 / Y-x5
- Polarity inversion
- CH1 Channel incremental magnification function for clearer observation than ordinary Oscilloscope (KM-20-5060)



Preliminary Data

GENERAL & ELECTRICAL SPECIFICATIONS :

- **CRT :** 6 inch rectangular screen with internal graticule ,8 x10 div (1 div = 1cm)
- **Vertical deflection :**
Display mode : CH1 , CH2, ADD, ALT, CHOP
Deflection factor : 5mV / div to 5V/ div \pm 3%, 1mV/ div to 1V/div \pm 5% (X5), 10 steps
- **Rise time :** 17.2ns (KM-20-5030); 8.8ns (KM-20-5060)
- **Max. Input voltage :** 250V (DC + AC peak) 1KHz
- **Input coupling :** AC, DC, GND
- **Polarity selection :** + or - (CH2 only)
- **Horizontal deflection :**
Display mode : 1, 10, X - Y
Time Base : 0.2 s / div to 0.2s / div , 9 ranges
Sweep magnification : X10
CH1 ALT Magnification : X10
Accuracy : \pm 3%
- **Trigger System :**
Trigger mode : NORM, AUTO, TV-V, TV-H
Trigger source : CH1, CH2, VERT, LINE, EXT
- **Sensitivity and frequency :** 20Hz ~ 30MHz (VERT) (KM-20-5030); 20Hz ~ 60MHz (VERT) (KM-20-5060)
AUTO , NORM : 0.5div(INT), 5Vp-p(EXT) (KM-20-5030); 1.5div(INT), 8Vp-p(EXT) (KM-20-5060)
TV-V , TV-H : At least 1 div or 1Vp-p
- **Input impedance :** 1M
- **X - Y Operation**
X - Y Phase difference : 3° , DC - 50KHz
- **Calibration waveform :** Frequency : 1KH \pm 20%, Voltage : 0.5V \pm 10%
- **Power supply :** 220V / 110V \pm 10% ; 50 / 60Hz
- **Dimensions :** 310(W) x 130(H) x 370(D)mm
- **Weight :** approx. 6.5Kg

ACCESSORIES :

Probe , Power Cord , User's Manual

All Specifications are subject to change without prior notice