KUSAM-MECO®
An ISO 9001:2015 Company

ANALOG OSCILLOSCOPE
Model KM-20-10 - 20MHz

THINK SAFETY
THINK KUSAM-MECO®



Preliminary Data

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 sourde :** 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 :** 1MΩ

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 ± 3%, (1mV / div to 1V / div ± 5% at*5), 10steps.
- **Rise time :** ≤ 17.5ns
- **Max. Input Voltage :** 40V (DC+AC peak value) when ≤ 1KHz.
- **Input coupling :** AC, DC, Grounding
- **Polarity selection :** ± (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 :** ±3%

X-Y OPERATION:

- **X-Y phase difference :** ≤3o, DC--50KHz

OTHERS :

- **Calibration waveform : Frequency :** 1KH 20%
  Voltage : 0.5v 1%
- **Power Supply :** AC 220V / 110V ± 10%, 50 / 60Hz
- **Dimensions :** 370 X 310 X 130mm

- **ACCESSORIES :** User Manual & Mains Power Cord.

All Specifications are subject to change without prior notice.

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