

**KM - 20 - 2025 CA - 25 MHz Colour CRT**

**KM - 20 - 2040 CA - 40 MHz Colour CRT**

**KM - 20 - 2100 CA - 100 MHz Colour CRT**



### Preliminary Data

### FEATURES :

- Bandwidth : 25MHz / 40MHz / 100MHz
- Dual channels /dual traces, X-Y mode
- 6" display, high brightness Toshiba CRT tube
- High sensitivity of triggering, up to 1mV/divison
- 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 Sync output

### GENERAL & ELECTRICAL SPECIFICATIONS :

- Channels : 2 + Ext. Trigger (All Models)
- Bandwidth : 25 MHz (KM20 - 2025CA); 40 MHz (KM20 - 2040CA); 100 MHz (KM20 - 2100CA)
- Rise Time : 13.8ns (KM20 - 2025CA); 8.7ns (KM20 - 2040CA); 3.5ns (KM20 - 2100CA)
- Time Base : 5ns to 50s / div (KM20 - 2025CA & KM20 - 2040CA); 2ns to 50s / div (KM20 - 2100CA)
- Real time sample Rate : 1GSa / s
- Equivalent Sample Rate : 50GSa / s
- Input Impedence : 1 Mega Ohms / 13pF
- Input Coupling : DC, AC, GND
- Trigger : Edge, Video, Pulse, Delay
- Acquisition Modes : Auto, Normal, Single
- Trigger Sources : CH1, CH2, Ext, Ext / 5, Ext (50 Ohms)
- Horizontal Accuracy : + / - 0.01%
- Vertical Sensitivity : 2m V / div to 5V / div
- Vertical Resolution : 8bit
- Max I / p Voltage : 400 V (DC + Acpeak) 5Vrms@ 50 Ohm
- Auto Measurements : Vpp, Vamp, Vrms, Vmax, Vmin, Vtop, Vbase, Vavg, Freq, Period, RiseTime, Fall Time, + Width, - Width, Overshoot, Preshoot, + Duty, - Duty etc
- Math : +, -, x, /, FFT
- Storage : 10 Waveforms, 10 Set ups
- FFT : Window : Hanning, Hamming, Blackman- Harris, Rectangular  
Sample Points : 1024 Points
- X-Y : Bandwidth : 25 MHz (KM20 - 2025CA); 40 MHz (KM20 - 2040CA); 100 MHz (KM20 - 2100CA)  
Phase Diff. : + / - 3 degrees
- Display : CA : Colour, 320 x 240 resolution.
- Power Supply : 100 - 225 V / AC 40VA Max
- Interface : USB Port
- Dimension : 303 (W)x145(H)x150(D)mm Approx.
- Weight : 4.5KG Approx.

### ACCESSORIES :

Probex2, Power Cord, User's Manual

All Specifications are subject to change without prior notice