



DC - 20MHz DUAL TRACE OSCILLOSCOPE

FEATURES:

- * 20MHz
- * Expanded vertical sensitivity to 10V~20V/div.
- * ALT Triggering Function.
- * Encoder for sweep & vertical sensitivity switch.
- * 10 times sweep magnification.
- * TV synchronization, X-Y mode.
- * Triggering level lock function, automatic synchronize function.



SPECIFICATION

CRT:

TYPE : 6-inch rectangular with internal graticule 8x10div
(1div=1cm).

VERTICAL:

Y-ATT SWITCH : Encoder.
SENSITIVITY(12 step) :X1 - $\pm 3\%$ - 5mV~5V/div.

BAND WIDTH : X1 - DC (AC 10Hz)~20MHz (-3dB).

RISE TIME : X1 - $\leq 17.5\text{ns}$ - $\leq 8.75/7\text{ns}$.
X5 - $\leq 50\text{ns}$ - $\leq 25/23\text{ns}$.

INPUT IMPEDANCE : $\approx 1\text{M}\Omega/25\text{PF}$.

MAX. INPUT VOLT. : 300V (DC + AC P-P)

INPUT COUPLING : AC, DC, GND.

VERT. OPERATION MODE : Ch1, Ch2, DUAL (ALT/CHOP) ADD, Ch2 INV.

HORIZONTAL:

SWEEP TIME : 0.2 μs ~0.5s/div $\pm 3\%$: MAG x 10:100ns~50ms/div $\pm 5\%$.

TRIGGER SYSTEMS:

MODE : AUTO, NORM, TV-V, TV-H.

LEVEL LOCK : OK.

SOURCE : Ch1, Ch2, LINE, EXT.

COUPLING : AC.

SLOPE : +ve or -ve.

X-Y AXIS:

SENSITIVITY : 5mV~5V/div, $\pm 4\%$.

X-AXIS BANDWIDTH : DC~500KHz.

PHASE ERROR : $\leq 3^\circ$ DC~50KHz

OUTPUT SIGNAL:

Ch1 OUTPUT : OK.

CALIBRATOR O/P : 1KHz square wave, 2V p-p $\pm 2\%$

CROWN ELECTRONIC SYSTEMS

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