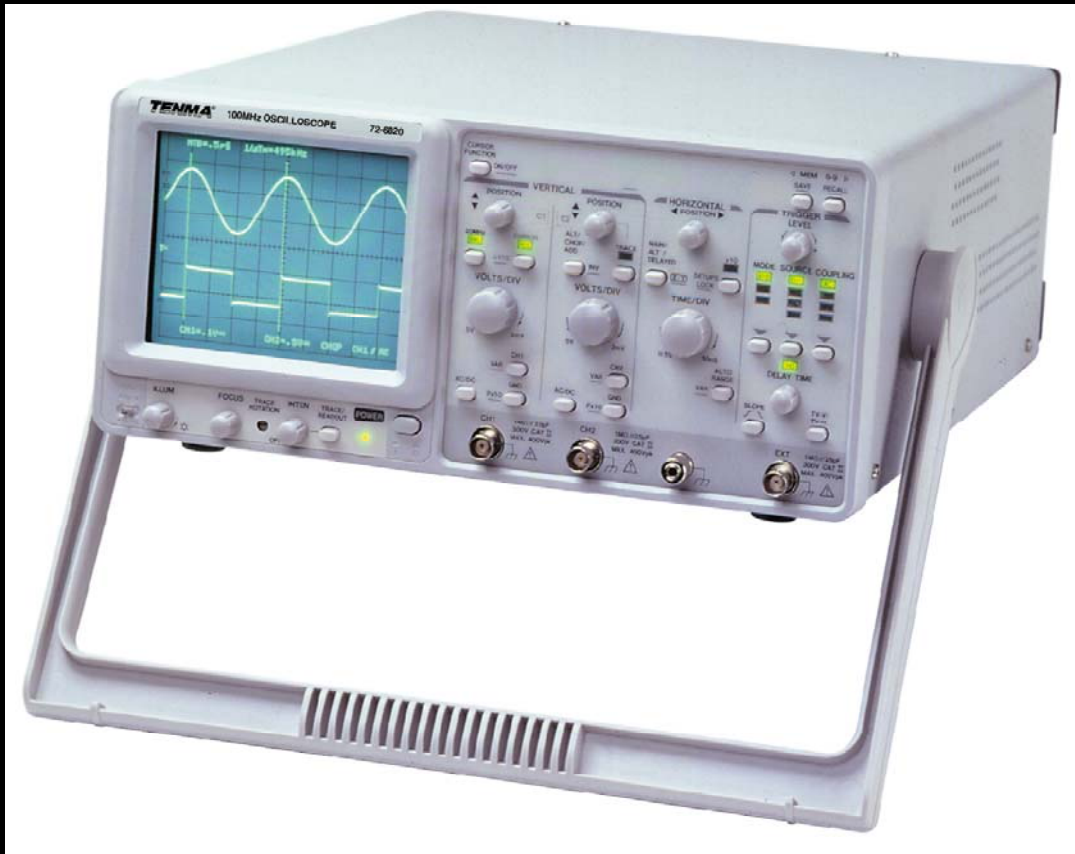




WG. NO.	ELECTRONIC FILE	REV
72-6820	18C2258.dwg	A
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CRT

Type 6-inch rectangular type with internal graticule;
 0%, 10%, 90% and 100% markers. 8 x 10 DIV (1 DIV=1 cm)
 Phosphor: P31
 Accelerating Potential: 16 kV approx.
 Illumination: Continuously adjustable
 Z-axis input: Coupling: DC
 Sensitivity: 5V or more
 Maximum input voltage: 30V(DC+AC peak) at 1kHz or less
 Bandwidth: DC ~ 5MHz

VERTICAL SYSTEM

Sensitivity: 2mV ~ 5V / DIV, 11 step in 1-2-5 sequence
 Sensitivity Accuracy: $\leq 3\%$ (5 DIV at the center of display)
 Vernier Vertical Sensitivity: Continuously variable to 1 / 2.5 or less panel-indicate value
 Bandwidth(-3dB): DC ~ 100MHz (2mV/DIV : DC ~ 20MHz)
 Rise Time: 3.5nS (2mV/DIV : 17.5 nS)
 Signal Delay: Leading edge can be monitored
 Max. Input Voltage: 400V (DC+AC peak) at 1kHz or less
 Input Coupling: AC, DC, GND
 Input Impedance: $1M\ \Omega \pm 2\%$ approx. 25pF
 Vertical Mode: CH1, CH2, DUAL (CHOP/ALT), ADD, CH2 INV.
 Bandwidth Limited: 20MHz
 Common-Mode Rejection Ratio: 50 :1 or better at 50kHz

HORIZONTAL SYSTEM

Horizontal Modes: MAIN (A), ALT, DELAY (B)
 A(main)Sweep Time: 50nS ~ 0.5S / DIV, continuously variable (UNCAL)
 B(delay)Sweep Time: 50nS ~ 50mS / DIV
 Accuracy: $\pm 3\%$ (+ 5% at x 10 MAG)
 Sweep Magnification: x 10 (maximum sweep time 5nS / DIV)
 Hold Off Time: Variable
 Delay Time: 1 μ S ~ 5S
 Delay Jitter: Better than 1:20000
 Alternate Separation: Variable

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TRIGGER

Trigger Modes: AUTO, NORM, TV

Trigger Source: CH1, CH2, LINE, EXT

Trigger Coupling: AC, DC, HFR, LFR

Trigger Slope: "+" or "-" polarity or TV sync polarity

Trigger Sensitivity:

Mode	Frequency	INT	EXT
AUTO	10Hz ~ 20MHz	0.35 DIV	50 mV
	20MHz ~ 100MHz	1.5 DIV	150 mV
NORM	DC ~ 20MHz	0.35 DIV	50 mV
	20MHz ~ 100MHz	1.5 DIV	150 mV
TV	sync signal	1 DIV	200 mV _{pp}

TV Sync: TV-V, TV-H

Max. External Input Voltage: 400V (DC+AC peak) at 1kHz

External Input Impedance: 1M Ω $\pm$ 5%, // approx. 25pF

X-Y OPERATION

Mode: X-axis: selectable CH1, CH2, EXT

Y-axis: selectable CH1, CH2, CH1 and CH2

Sensitivity Accuracy: 2mV ~ 5V/DIV $\pm$ 3 %; EXT : 0.1V/DIV $\pm$ 5 %

X-axis Bandwidth: DC ~ 500kHz (-3dB)

Phase Error: 3° or less from DC ~ 50kHz

OUTPUT SIGNAL

Trigger Signal Output: Voltage: approx. 25mV/DIV into 50 Ω

Frequency response : DC ~ 10MHz

Calibrator Output: 1kHz Squarewave, 2Vpp $\pm$ 2 %

CURSOR READOUT FUNCTION

Cursor Measurement Function: ΔV , $\Delta V\%$, ΔVdB , ΔT , $1/\Delta T$, $\Delta T\%$, $\Delta \theta$

Cursor Resolution: 1 / 100 DIV

Effective Cursor Range Vertical: $\pm$ 3DIV; Horizontal: $\pm$ 4DIV

Panel Setting Display Vertical: V/DIV(CH1,CH2), UNCAL, ALT/CHOP/ADD, INV, probe factor, AC/DC/GND

Horizontal: S / DIV(MTB,DTB), UNCAL, x 10MAG, delay time, HO

Trigger: source, coupling, slope, level, TV-V, TV-H

Others: X-Y, lock, save/recall MEM 0-9

SPECIAL FUNCTION

TIME/DIV Auto Range Provided

Panel Setting Save & Recall 10 sets

Panel Setups Lock Provided

POWER SOURCE AC: 100V / 120V / 230V $\pm$ 10 %, 50 / 60Hz

ACCESSORIES: Power cord, Instruction manual, two Probes(10:1/1:1)

DIMENSIONS & WEIGHT 310(W) x 150(H) x 455(D) mm; Approx. 9kg

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