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FEATURES:

- 20MHz, Dual Channel
- High Sensitivity 1mV/DIV
- TV Synchronization
- Z Axis Input
- ALT Triggering Function
- CH1 Output
- Includes: Power Cord, Instruction Manual, 2 Probes (10:1/1:1)

REVISIONS			DOC. NO. SPC-F005 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
430	A	RELEASED	JWM	1/21/02	HO	1/25/02	DJC	1/25/02

Specifications

CRT	Type	6-inch rectangular type with internal graticule 8 x 10 DIV (1 DIV=1 cm)
	Z-Axis Input	Input Impedance: Approx. 47 k Ω
		Sensitivity: Above 5Vp-p Bandwidth: DC ~ 2MHz
Vertical System	Sensitivity	5mV/DIV ~ 5V/DIV $\pm$ 3%, x 5MAG: $\pm$ 5%
	Bandwidth	DC (AC 10Hz) ~ 20MHz (-3dB)
		DC (AC 10Hz) ~ 7MHz (-3dB) at x 5MAG
	Rise Time	17.5nS (50nS at x 5MAG)
	Input Impedance	Approx. 1M Ω
	Input Coupling	AC, DC, GND
Horizontal System	Sweep Time	CH1, CH2, DUAL (ALT/CHOP), ADD, CH2 IN
		0.2 μ S ~ 0.5S/DIV $\pm$ 3%
		100nS ~ 50mS/DIV $\pm$ 5% (x 10MAG)
		20nS ~ 50nS/DIV : Uncalibrated
Trigger	Trigger Mode	AUTO, NORM, TV-V, TV-H
	Trigger Source	CH1, CH2, ALT, LINE, EXT.
	Trigger Coupling	AC
	Trigger Slope	+ or -
X-Y Operation	Sensitivity	5mV ~ 5V / DIV $\pm$ 4%
	X-axis Bandwidth	DC ~ 500kHz
	Phase Error	3° or less from DC ~ 50kHz
Output Signal	Trigger Signal Output	Voltage: approx. 20mV/DIV into 50 Ω
	Calibrator Output	1 kHz Squarewave, 2 Vp-p $\pm$ 2%
Power Source		AC 115V/230V $\pm$ 15%, 50Hz/60Hz
Dimensions & Weight		310(W) x 150(H) x 455(D)mm; Approx. 8kg

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

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SPC TECHNOLOGY

DRAWING TITLE:

20MHz Oscilloscope

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6800	18C2256.dwg	A
SCALE: NTS		U.O.M.: INCHES [mm]	SHEET: 1 OF 1

