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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)

| DCP # | | REV | DESCRIPTION | DRAWN | DATE | CHECKD | DATE | APPRVD | DATE |
|-------|--|-----|-------------|-------|---------|--------|---------|--------|---------|
| 430 | | A | RELEASED | JWM | 1/21/02 | HO | 1/25/02 | DJC | 1/25/02 |

REVISIONS

DOC. NO. SPC-F005 * Effective: 12/21/98 * DCP No: 680

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 kΩ |
| | | Sensitivity: Above 5Vp-p Bandwidth: DC ~ 2MHz |
| Vertical System | Sensitivity | 5mV/DIV ~ 5V/DIV ±3%, x 5MAG: ±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. 1MΩ |
| | Input Coupling | AC, DC, GND |
| Vertical Mode | CH1, CH2, DUAL (ALT/CHOP), ADD, CH2 IN | |
| Horizontal System | Sweep Time | 0.2μS ~ 0.5S/DIV ±3% |
| | | 100nS ~ 50mS/DIV ±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 ±4% |
| | X-axis Bandwidth | DC ~ 500kHz |
| | Phase Error | 3° or less from DC ~ 50kHz |
| Output Signal | Trigger Signal Output | Voltage: approx. 20mV/DIV into 50Ω |
| | Calibrator Output | 1 kHz Squarewave, 2 Vp-p ±2% |
| Power Source | | AC 115V/230V ±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. | DRAWN BY: | DATE: |
| | Jeff McVicker | 1/21/02 |
| | CHECKED BY: | DATE: |
| | Hisham Odish | 1/23/02 |
| | APPROVED BY: | DATE: |
| | Daniel Carey | 1/25/02 |



SPC TECHNOLOGY

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|--------------------|----------|---------------------|---------------|
| 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 |