

## DC - 10MHz SINGLE TRACE OSCILLOSCOPE

### TECHNICAL SPECIFICATIONS :

#### VERTICAL SYSTEM :

|                       |   |   |
|-----------------------|---|---|
| Sensitivity           | : | 5 mV / DIV ~ 5V / DIV , $\pm 3\%$             |
| Trimming Ratio        | : | $\geq 2.5 : 1$                                |
| Rise Time             | : | $\leq 35$ ns                                  |
| Band Width (-3db)     | : | DC : 0 ~ 10MHz , C : 10Hz ~ 10MHz             |
| Input Impedance       | : | 1M $\Omega$ $\pm 3\%$ , 30 pF , 5 pF $\Omega$ |
| Maximum Input Voltage | : | 400 V pk                                      |

#### HORIZONTAL SYSTEM :

|                |   |   |
|----------------|---|---|
| Sweep Time     | : | 0.1 s / DIV ~ 0.1 $\mu$ s / DIV , $\pm 3\%$ |
| Trimming Ratio | : | $\geq 2.5 : 1$                              |

#### TRIGGER SYSTEM :

|                                 |   |  |
|---------------------------------|---|--|
| Trigger Sensitivity             | : | INT : 1 DIV , EXT : 0.3V                   |
| Ext. Trigger Input Impedance    | : | 1M $\Omega$ $\pm 3\%$ , 30 pF , $\pm 5$ pF |
| Ext. Trigger Max. Input Voltage | : | 400 V pk                                   |
| Trigger Sources                 | : | INT , LINE , EXT                           |
| Trigger Mode                    | : | NORM , AUTO , TV                           |

#### MODE :

|                  |   |                |
|------------------|---|----------------|
| Sensitivity      | : | 0.5V / DIV     |
| Bandwidth (-3db) | : | 10 Hz ~ 500KHz |

#### CALIBRATION SIGNAL :

|           |   |                       |
|-----------|---|-----------------------|
| Waveform  | : | Symmetric Square Wave |
| Range     | : | 0.5V $\pm 2\%$        |
| Frequency | : | 1KHz $\pm 2\%$        |

#### CRT :

|                      |   |                           |
|----------------------|---|---------------------------|
| Display Area         | : | 8 X 100 DIV (1 DIV = 6mm) |
| Acceleration Voltage | : | 1200 V                    |
| Display Color        | : | Green                     |

|              |   |                           |
|--------------|---|---------------------------|
| <b>Power</b> | : | 220V , $\pm 10\%$ , 50 Hz |
|--------------|---|---------------------------|



## CROWN ELECTRONIC SYSTEMS