

Analog 20MHz Oscilloscope

Power Requirement

Voltage : Fixed AC 220V ± 10%
 Frequency : 50/60Hz
 Power Consumption : Approx. 40VA

Operation Ambient

Indoor, 2000m Elevation
 Ambient Temperature : 10°C ~ 35°C
 Max. Operation Range : 0°C ~ 40°C
 Humidity : 85% RH, dry
 Size : 310 x 150 x 455 (mm)
 Weight : Approx. 8Kg
 Storage Temperature : -10°C ~ 70°C

Accessories

Power Cord : 1x
 Instruction Manual : 1x
 Probe : 2x



| Specs | Data | Item |
|----------------------------|---|---|
| Vertical System | Sensitivity | 5mV~5V/div |
| | Accuracy | ≤3% |
| | Trimming Sensitivity | ½.5 or less than panel graduation |
| | Frequency Bandwidth | DC~20MHz AC Coupling: <10Hz |
| | Rise Time | 17.5ns |
| | Input Impedance | 1MΩ/25pF |
| | Wave Characteristic | ≤5% |
| | DC Balance Shift | 5mV~5V/div: ±0.5DIV |
| | Linearity | <±0.1DIV |
| | Vertical System | CH1: Channel 1 CH2: Channel 2 DUAL: Channel 1 and Channel 2 ADD: Addition of Channel 1 and Channel 2 |
| | Interruption Repetitive Frequency | Approx. 250KHz |
| | Input Coupling | AC GND DC |
| | Max. Input Voltage | 300Vp-p |
| | CMRR | >50:1 (@50KHz sine wave) |
| Horizontal System | Isolation between dual channel (within 5mV/DIV) | >1000:1 50KHz >30:1 20MHz |
| | CH1 Signal Output | Min. 20mV/DIV (50Ω output bandwidth 50Hz%MHz) |
| | CH2 INV Bal | Balance Variance Ratio ≤1DIV |
| | Trigger Source | CH1, CH2, LINE, EXT |
| | Coupling | AC: 20Hz20MHz |
| | Polarity | +/- |
| | Trigger Signal | |
| | Input Impedance | Approx. 1MΩ/25pF |
| | Max. Input Voltage | 300V (DC+AC peak) AC not exceed 1KHz |
| | Trigger | Sweep Time |
| Accuracy | | ±3% |
| Trimming | | ≤1/2.5 panel graduation |
| Sweep expansion | | 10 times |
| X10MAG sweep time accuracy | | ±5% |
| Linearity | | ±3%, X10MAG: ±5% |
| X-Y Mode | Displacement by X10MAG | <2 DIV in center CRT |
| | Sensibility | Refer to Vertical Axis |
| | Bandwidth | DC-500KHz |
| Z Axis | X-Y Phase Difference | ≤3 (within DC 50KHz) |
| | Sensibility | 5Vp-p |
| | Bandwidth | DC-2MHz |
| | Input Impedance | Approx. 47KΩ |
| Calibration Signal | Max. Input Voltage | 30V |
| | Wave Form | Square Wave |
| | Frequency | Approx. 1KHz |
| | Duty Ratio | <48:52 |
| | Output Voltage | 2Vp-p±2% |
| CRT Oscilloscope Tube | Output Impedance | Approx. 1KΩ |
| | Type | 6 in, Rectangle, Inside Graduation |
| | Phosphor | P31 |
| | Acceleration Voltage | Approx. 2KV 200MHz |
| | CRT Screen Size | 8 x 10 DIV |
| | Graduation | Inside |
| Track Rotating | Adjustable via panel | |