

DC – 200 MHz, 3 CH, 8 traces

- Save/recall of up to 32 panel settings
- Quick auto setup
- Full NTSC, PAL (SECAM), HDTV TV triggering with field and line
- 2 mV/div high sensitivity and 1 ns/div sweep rate
- 5-digits frequency counter
- Cursor function
- 50 mV, 100 mV, 500 mV/div CH3 ranges



Specifications

<p>■ CRT Shape</p> <p>Effective area</p> <p>Accelerating voltage</p> <p>■ Vertical deflection system (Y axis)</p> <p>Vertical mode</p> <p>● CH1, CH2</p> <p>Sensitivity</p> <p>Variable adjuster</p> <p>Accuracy</p> <p>Frequency bandwidth</p> <p>Bandwidth limiter</p> <p>Rise time</p> <p>Signal delay time</p> <p>Input coupling</p> <p>Input RC</p> <p>Max. input voltage</p> <p>Polarity switching</p> <p>Probe sense</p> <p>● CH3</p> <p>Sensitivity</p> <p>Accuracy</p> <p>Frequency bandwidth</p> <p>Input coupling</p> <p>Input RC</p> <p>Max. input voltage</p> <p>Probe sense</p> <p>■ Triggering</p> <p>● A triggering</p> <p>Trigger mode</p> <p>Source</p> <p>Coupling</p> <p>Slope</p> <p>Sensitivity</p> <p>● B triggering</p> <p>Source</p> <p>Coupling</p> <p>Slope</p> <p>Sensitivity</p>	<p>6-inch rectangular. internal graticule, meshless CRT with scale illumination</p> <p>8 x 10 div (1 div = 10 mm)</p> <p>Approx. 16 kV</p> <p>CH1, CH2, CH3, ADD (CH1 + CH2)</p> <p>ALT, CHOP (555 kHz ±1%)</p> <p>2 mV/div – 5 V/div (1-2-5 sequence in 11 steps)</p> <p>2 mV/div – 12.5 V/div. continuously variable</p> <p>±2 %</p> <p>DC – 200 MHz –3 dB</p> <p>DC – 50 MHz –3 dB at 2 mV/div</p> <p>Note: The lower limit frequency is 10 Hz with AC coupling</p> <p>DC – 20 MHz</p> <p>Approx. 1.75 ns</p> <p>Note: Calculated from the following formula</p> $Tr = \frac{350}{\text{Bandwidth [MHz]}} \text{ [ns]}$ <p>30 ns or more (on the screen)</p> <p>AC, DC, GND</p> <p>1 MΩ ±1.5% // 20 pF ±2 pF</p> <p>±400 V (DC + AC peak)</p> <p>CH2 only</p> <p>1:1, 10:1, 100:1</p> <p>50 mV, 100 mV, 500 mV/div</p> <p>±3%</p> <p>DC – 200 MHz, –3 dB</p> <p>AC, DC</p> <p>1 MΩ ±1.5% // 20 pF ±3 pF</p> <p>±400 V (DC + AC peak)</p> <p>1:1, 10:1, 100:1</p> <p>EDGE, TV</p> <p>VERT, CH1, CH2, CH3, LINE</p> <p>AC, DC, HF-REJ, LF-REJ</p> <p>+, –</p> <table border="1"> <thead> <tr> <th>Frequency</th> <th>Amplitude</th> </tr> </thead> <tbody> <tr> <td>DC – 10 MHz</td> <td>0.4 div</td> </tr> <tr> <td>10 MHz – 100 MHz</td> <td>1.0 div</td> 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<p>● A sweep</p> <p>Sweep mode</p> <p>Sweep rate</p> <p>Max. sweep rate</p> <p>Hold-off time</p> <p>● B sweep</p> <p>Delay</p> <p>Sweep rate</p> <p>Max. sweep rate</p> <p>Delay time</p> <p>Range</p> <p>Delay jitter</p> <p>● Sweep magnification</p> <p>■ X-Y operation</p> <p>● X axis</p> <p>Sensitivity</p> <p>Accuracy</p> <p>Frequency bandwidth</p> <p>● Y axis</p> <p>Phase difference</p> <p>■ CAL (calibration signal)</p> <p>Waveform</p> <p>Frequency</p> <p>Duty ratio</p> <p>Output voltage</p> <p>■ Cursor measurement</p> <p>■ Counter</p> <p>Accuracy</p> <p>Frequency range</p> <p>■ Save/recall</p> <p>Backup time</p> <p>■ Power supply</p> <p>Voltage range</p> <p>Frequency range</p> <p>Power consumption</p> <p>Weight and dimensions</p> <p>Weight</p> <p>Dimensions</p> <p>■ Environmental conditions</p> <p>Performance guaranteed temperature</p> <p>Operating range</p> <p>Temperature</p> <p>Humidity</p> <p>Storage range</p> <p>Temperature</p> <p>Humidity</p> <p>■ Accessories</p>	<p>NTSC, PAL (SECAM), HDTV</p> <p>TV-V (ODD, EVEN, BOTH), TV-H</p> <p>5 H – 2000 H</p> <p>2 H – 1997 H</p> <p>CH1, CH2</p> <p>50 Hz – 50 MHz</p> <p>A, ALT, B, X-Y</p> <p>AUTO NORMAL SINGLE</p> <p>10 ns/div – 500 ms/div (1-2-5 sequence in 24 steps)</p> <p>1 ns/div</p> <p>Variable</p> <p>TRIG'D DELAY, RUNS AFTER DELAY</p> <p>10 ns/div – 5 ms/div (1-2-5 sequence in 18 steps)</p> <p>1 ns/div</p> <p>0.2 div – 10.2 div of A sweep</p> <p>1/20000 at 1 ms/div of A sweep, 500 ns/div of B sweep</p> <p>X10</p> <p>CH1</p> <p>Same as CH1</p> <p>±4%</p> <p>DC – 2 MHz –3 dB</p> <p>CH1, CH2, CH3, ADD</p> <p>Within 3° (DC – 200 kHz)</p> <p>Square wave</p> <p>1 kHz ±0.1%</p> <p>49% – 51%</p> <p>0.6V ±1%</p> <p>Time difference (Δt), voltage difference (ΔV)</p> <p>5-digit (A trigger source)</p> <p>±0.01%</p> <p>2 Hz – 100 MHz</p> <p>Max. 32 panel settings</p> <p>Approx. 30,000H (at 25°C)</p> <p>AC 100 V – 120 V, 200 V – 240 V</p> <p>50 Hz – 400 Hz</p> <p>Max. 110 VA</p> <p>Approx. 7.5 kg (without accessories)</p> <p>Approx. 272W x 152H x 390L mm</p> <p>+10 – +35°C</p> <p>0 – +40°C</p> <p>90% RH (0 – 40°C)</p> <p>–20 – +40°C</p> <p>80% RH –20 – +40°C)</p> <p>Power cord (x1), probe (x2), panel cover (1), fuse (x2), operation manual (x1)</p>
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