Oscilloscopes, Function Generators & Probes

150MHz 2-Channel Digital Oscilloscope

- USB host and device interface supported
- Bandwidth (-3dB): 150MHz
- Real-time sample rate: 1GSa/s real-time sample rates maximum, 256Sa/s
- 2-channels with 8-bit vertical resolution
- 2Mega point record length
- Auto set vertical, horizontal, and trigger level
- Vertical sensitivity: 2mV/div – 10V/div
- Input voltage: 100-240VAC @ 48-63Hz
- Time base range: 1ns/div – 50s/div
- Trigger sensitivity: DC-25MHz: 0.5div or 5mV
- 25MHz – 150MHz: 1.5div or 15mV
- Go/NoGo, data logger and zoom FFT functions
- Frequency counter: 6 digits  • Weight: 5.5 lbs.

Includes: BNC cable, power cord & user’s manual

Part No. Mfr. Part No. 1 5
665329 SK3000 .......................... $209.95 $189.95

50MHz 2-Ch USB PC Oscilloscope

The PC5SU1000 digital storage oscilloscope uses the power of your PC to visualize electrical signals. It has a highly sensitive display resolution, down to 0.15mV, combined with a high bandwidth and a sampling frequency of up to 1GHz.

Oscilloscope:
• Input range: 5mV to 2V/division
• Time base: 20ns to 2000s/Div
• Max record time: 9.4 hour/screen
• Min./Max. number of samples: 20/100/s

System Requirements:
• IBM compatible PC, Windows® 98SE or later, SVGA display card, USB port

Includes: Microsoft oscilloscope, 2 x 60MHz scope probes, USB cable and CD-ROM

Part No. Mfr. Part No. 1 5
695017 PC5SU1000 .......................... $499.95 $459.95

40MHz Multifunction Oscilloscopes w/ Built-In 5MHz Function Generator

Oscilloscope:
• 6’ rectangular high resolution CRT
• Max signal input volt.: 400V (DC and AC peak)
• Input voltage: 100/120/220/240VAC @ 50-60Hz
• Size: 15.7” x 12.8” x 5.2”H  • Weight: 26 lbs.
• Two-year manufacturer’s warranty

1586200; With built-in 60MHz auto-detector counter

Function Generator:
• Frequency range: 0.5Hz to 5MHz (6 ranges)
• Output waveforms: sine, triangle, square, ramp, pulse
• Output impedance: 50Ω
• Output volt: 20Vp-p (no load), 10Vp-p (w/ 50Ω load)
• See www.Jameco.com for additional specifications

Part No. Mfr. Part No. 1 5
1536886 SK0404 .......................... $599.95 $539.95
1586200 SK0409 .......................... 749.95 $699.95

20MHz & 3MHz Function Oscilloscopes w/ Frequency Counter

Function Generator:
• Functions: sine, triangle, square, TTL and CMOS output
• Output amplitude: >10Vp-p into 50Ω load
• Output impedance: 50Ω ±10%
• DC offset range: <-5V to >+5V
• Frequency counter: Input voltage: 115/230VAC @ 50-60Hz
• Weight: 4.4 lbs.  • Two-year warranty

Part No. Mfr. Part No. 1 5
160469 BK4011A .......................... $399.95 $379.95

5MHz Function Generator

• Waveforms: sine, square, triangle and ramp
• 0.5 to 5MHz
• 100% DC offset
• Variable duty cycle
• Output impedance: 50Ω
• Coarse and fine tuning
• Size: 10.4”W x 11.7”D x 3.4”H
• Weight: 6.2 lbs.  • Two-year warranty

Part No. Mfr. Part No. 1 5
160469 BK4011A .......................... $399.95 $379.95

150MHz 2-Channel Universal Frequency Counter

• 8-digit green LED display (0.56” digit height)
• Adjustable range & gate time
• Freq. range: 0.2Hz – 150MHz
• Gate time range: 0.01s – 10s
• Impedance: 1Ω, >400pF
• Channel A sensitivity – 25mVrms: 0.2Hz – 100MHz, 50mVrms: 100MHz
• Count capacity: 0 – 99999999 (MHz)
• Input voltage: 100/220 @ 50/60Hz
• Size: 10.0”W x 3.2”H x 10.3”D

Part No. Mfr. Part No. 1 5
2112840 FC-150U .......................... $299.95 $279.95

2.4GHz 2-Channel Frequency Counter

• 8-digit green LED display with annunciators
• Adjustable range & gate time
• Frequency ranges: 0.01Hz to 2.4GHz
• Gate time: 100msec to 10sec
• Channel A: DC coupled – 0.01Hz to 100Hz; AC coupled – 100Hz to 50MHz, sensitivity – 80mVrms, 1Ω impedance
• Channel B: frequency range: 50MHz to 2.4GHz, sensitivity – 50mVrms, 50Ω impedance
• Power supply: 120 to 220VAC
• Size: 10.6”W x 8.5”D x 3.9”H  • Weight: 3.5 lbs.

Part No. Mfr. Part No. 1 5
195986 DVM13MFC2U .......................... $159.95 $149.95

5MHz Sweep Function Generator with 60MHz Counter

Function Generator
• Waveforms: triangle, sine, square, ramp, positive pulse, negative pulse
• Frequency range: 0.01Hz – 5MHz, 5-digit LED display (0.001Hz resolution)
• 8 ranges controlled by rotary switch
• DC offset ±10V (no load), ±5V (50Ω load)
• Continuously adjustable controlled by offset switch

Frequency Counter:
• 5-digit LED display (0.36” digit height)
• Resolution: 0.001Hz
• Display unit: Hz/KHz (auto)  • 20MHz time base
• INT/EXT switch, 0.500Hz to 5000KHz external with 4 res., 0.2Hz – 60MHz external
• Size: 11.8”W x 3.5”H x 10.8”D  • Weight: 5.5 lbs.

Includes: power cord and operation manual

Part No. Mfr. Part No. 1 5
2112831 SK5200 .......................... $299.95 $279.95

60/100/250MHz Modular Oscilloscope Probes

• Hook and pointed probes
• Maximum input volt.: 600V
• Alligator clip ground wire
• BNC male connector

With 20pF oscilloscope input

Part No. Mfr. Part No. 1 5
22892 ............... $24.95 $22.49 $19.95
216047 ............... 236777 ............... $39.95 $35.95 $31.95

Order by Phone at 1-800-831-4242 or Online at www.Jameco.com