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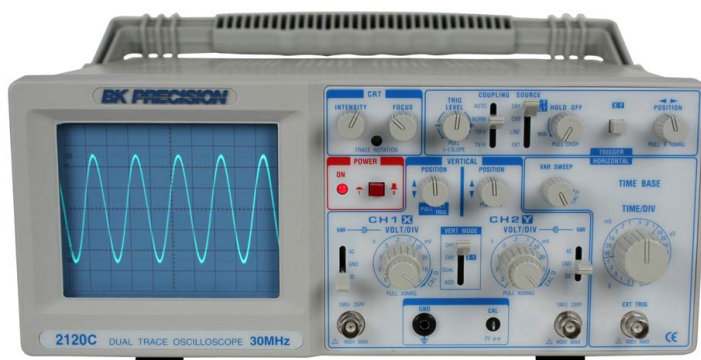
Data Sheet

August 14, 2026

BK PRECISION

BK Precision 2120 20MHz Dual Trace Oscilloscope

BK Precision 2120 Dual Trace Oscilloscope The BK Precision 2120 Dual Trace Oscilloscope is a 20 MHz dual-trace analog oscilloscope for education and service troubleshooting. Education labs, service benches, and general purpose analog waveform troubleshooting to 20 MHz. 20 MHz dual trace analog CRT oscilloscope The BK Precision 2120 Dual Trace Oscilloscope is a 20 MHz dual-trace analog oscilloscope for education and service troubleshooting. Education labs, service benches, and general purpose analog waveform troubleshooting to 20 MHz. 20 MHz dual trace analog CRT oscilloscope Triggered sweep time baseXYmode capability class



MODEL

BK Precision 2120

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2120

LISTING

<https://aumictechlabs.com/products/2120-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The BK Precision 2120 is a dual-trace analog oscilloscope. It has a bandwidth of 30 MHz and a sensitivity of 5 mV/div to 5 V/div. The instrument features AUTO/NORM triggered sweep operation with AC, TVH, TVV, and line coupling. It has a compact, low-profile design and is cUL certified. The BK Precision 2120 is built by B&K Precision, a company with over 50 years of experience in providing test instruments. Technical Specifications Vertical Amplifiers (CH 1 and CH 2) * Sensitivity: * 5 mV/div to 5 V/div * 1 mV/div to 1 V/div at X5 MAG Attenuator: * 10 calibrated steps in a 1-2-5 sequence * Vernier control provides full adjustment between steps Accuracy: * $\pm 3\%$ (5

mV/div to 5 V/div) * $\pm 5\%$ (at X5 MAG) Input Resistance: $1\text{ M}\Omega \pm 2\%$ Input Capacitance: $25\text{ pF} \pm 10\text{ pF}$ Frequency Response: * 5 mV/div to 5 V/div: DC to 30 MHz (-3 dB) * X5 MAG: DC to 10 MHz (-3 dB) Rise Time: 12 ns (Overshoot $\leq 5\%$) Operating Modes: * CH 1: CH 1, single trace * CH 2: CH 2, single trace * ALT: Dual trace, alternating * CHOP: Dual trace, chopped * ADD: Algebraic sum of CH 1 + CH 2 Polarity Reversal: CH 2 only Maximum Input Voltage: 400 V (DC + AC peak) Sweep System * Sweep Speed: 0.1 $\mu\text{s}/\text{div}$ to 2 s/div in a 1-2-5 sequence, 23 steps * Vernier control provides fully adjustable sweep time between steps Accuracy: $\pm 3\%$ Sweep Magnification: 10x ($\pm 10\%$) Triggering * Triggering Modes: AUTO (free run) or NORM, TV-V, TV-H Trigger Source: CH 1, CH 2, ALT, EXT, LINE Maximum External Trigger Voltage: 300 V (DC + AC peak) Trigger Coupling: * AC: 30 Hz to 30 MHz * TV H: Used for triggering from horizontal sync pulses * TV V: Used for triggering from vertical sync pulses Horizontal Amplifier (Input through Channel 2 input) * X-Y Mode: Switch selectable using X-Y switch * CH 1: Y-axis * CH 2: X-axis Sensitivity: Same as vertical channel 2 Accuracy: * Y-Axis: $\pm 3\%$ * X-Axis: $+6\%$ Input Impedance: Same as vertical channel 2 Frequency Response: DC to 2 MHz typical (-3 dB) (to 6 divisions horizontal deflection) X-Y Phase Difference: Approximately 3° at 50 kHz Other Specifications * Cal/Probe Compensation Voltage: 2 V p-p $\pm 3\%$ square wave, 1 kHz nominal CH 2 (Y) Output (Model 2125A): Output Voltage: 50 mV/div (nominal into 50 ohm load) Power Requirements: 100/120/220/240 VAC $\pm 10\%$, 50/60 Hz, approximately 40 W Dimensions: 132 $\times$ 324 $\times$ 398 mm (5.2" $\times$ 12.8" $\times$ 15.7") Weight: 7.6 kg (16.8 lbs) Environmental: * Within Specified Accuracy: $+10^\circ$ to $+35^\circ\text{ C}$, 10–80% relative humidity * Full Operation: 0° to $+50^\circ\text{ C}$, 10–80% relative humidity * Storage: -30° to $+70^\circ\text{ C}$, 10–90% relative humidity Supplied Accessories * Two Probes Schematic Diagram and Parts List AC Power Cord Why Choose Aumictech for BK Precision 2120? At Aumictech, we specialize in supplying test and measurement equipment. Whether you need reliable dual-trace oscilloscopes, precise signal analysis, or solid troubleshooting tools, our team ensures the BK Precision 2120 delivers maximum performance for your application.

2120 Characteristics / Specifications

PARAMETER	VALUE
Bandwidth	20 MHz
Channels	2 dual trace
Display Type	CRT analog oscilloscope
Vertical Deflection Class	mV per division toVper division ranges class
Time Base Class	Microseconds to seconds per division class
Trigger Modes Class	Auto normal TV class
Input Coupling	AC DC GND class
Input Impedance Class	1 Mohm parallel with pF class
Maximum Input Voltage Class	Hundreds of volts peak class with probe
Probe Compatibility	1× 10x passive probes classXYMode: Supported class
Form Factor	Benchtop CRT oscilloscope
Primary Power	AC mains laboratory supply class
Series Family	BK Precision 2120 Dual Trace Oscilloscope
Applications Class	Education and service troubleshooting
Calibrator Output Class	Probe compensation square wave class
Weight Class	Benchtop CRT oscilloscope weight
Cooling	Convection cooled class
Vertical Modes	CH1 CH2 ALT CHOP ADD class
Trigger Source	CH1 CH2 LINE EXT class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Export Classification Class	Commercial test equipment class
Humidity	Class: Up to 80 percent noncondensing class

2120 Specifications

PARAMETER	VALUE
BK Precision 2120 Dual Trace Oscilloscope	Overview
Applications	Education labs, service benches, and general purpose analog waveform troubleshooting to 20 MHz.
Key Features	20 MHz dual trace analog CRT oscilloscope
Technical Specifications	Bandwidth: 20 MHz

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
Bandwidth	20 MHz
Channels	2 dual trace
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Vertical Deflection Class	mV per division toVper division ranges class
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Trigger Modes Class	Auto normal TV class
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Probe Compatibility	1x 10x passive probes classXYMode: Supported class
Form Factor	Benchtop CRT oscilloscope
Primary Power	AC mains laboratory supply class
Series Family	BK Precision 2120 Dual Trace Oscilloscope
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Calibrator Output Class	Probe compensation square wave class
Weight Class	Benchtop CRT oscilloscope weight
Cooling	Convection cooled class
Vertical Modes	CH1 CH2 ALT CHOP ADD class
Trigger Source	CH1 CH2 LINE EXT class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Export Classification Class	Commercial test equipment class
Notes	
From BK Precision 2120 Dual Trace Oscilloscope OEM product documentation. Confirm exact vertical sensitivity and time-base tables on the datasheet revision.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.