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Data Sheet

August 14, 2026

BK PRECISION

BK Precision 2125A 20MHz Dual Trace Oscilloscope

BK Precision 2125A Dual Trace Oscilloscope The BK Precision 2125A 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 2125A 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
2125A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

2125A

LISTING

<https://aumictechlabs.com/products/2125a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The BK Precision 2125A is a dual-trace analog oscilloscope designed for general-purpose measurement and analysis in various technical environments. It has a 30 MHz bandwidth and a delayed sweep function, providing enhanced waveform observation capabilities for engineers, system integrators, and laboratory professionals. Technical Specifications Oscilloscope Features: Bandwidth: DC to 30 MHz (−3 dB) for full sensitivity ranges; DC to 10 MHz (−3 dB) at x5 MAG. Rise Time: 12 ns (typical); 35 ns at x5 MAG. Overshoot: Less than 5%. Dual Trace: Capable of

displaying two waveforms simultaneously with selectable single trace (CH 1 or CH 2) or dual trace. Sweep Modes: Alternate or chop sweep selectable at all sweep rates. Sum and difference capability (CH 1 + CH 2) for algebraic addition or subtraction of waveforms. Sensitivity: 5 mV/div to 5 V/div for full bandwidth; 1 mV/div to 1 V/div at x5 MAG. Attenuator: 10 calibrated steps in a 1-2-5 sequence. A vernier control provides fully adjustable sensitivity between calibrated ranges, with a range of 1/1 to at least 1/3. Accuracy (Vertical): $\pm 3\%$ for 5 mV to 5 V/div; $\pm 5\%$ at x5 MAG. Input Impedance (Vertical): $1\text{ M}\Omega \pm 2\%$. Input Capacitance (Vertical): $25\text{ pF} \pm 10\text{ pF}$. For model 2125A, a separate source mentions $40\text{ pF} \pm 5\text{ pF}$. Maximum Input Voltage (Vertical): 400 V (DC + AC peak). Sweep Features: Main Time Base: $0.1\text{ }\mu\text{S/div}$ to 2.0 S/div in 1-2-5 sequence, 23 calibrated steps. A vernier control provides fully adjustable sweep time between steps. Delayed Time Base (Model 2125A only): $0.1\text{ }\mu\text{S/div}$ to 2.0 S/div in 1-2-5 sequence, 23 calibrated steps. Sweep Magnification: $\times 10 \pm 10\%$. For model 2125A, $\times 10 \pm 5\%$ is stated, with uncalibrated sweep speeds at $0.1\text{ }\mu\text{s}$ and $0.2\text{ }\mu\text{s/div}$ when $\times 10\text{ mag}$ is selected. Holdoff: Continuously adjustable for the main time base from NORM to 5 times normal. Delay Time Position: Control adjusts the percentage of display devoted to main and delayed sweep. Accuracy (Time Base): $\pm 3\%$, except $\pm 6\%$ on 0.2 S/div and $\pm 20\%$ on $0.1\text{ }\mu\text{S/div}$. Triggering Features: Trigger Modes: AUTO (free run), NORM, TV-V (video vertical sync pulses, high frequency reject), TV-H (video horizontal sync pulses, low frequency reject). Trigger Source: CH 1, CH 2, ALT, EXT, LINE. Trigger Coupling: AC (30 Hz to 30 MHz), HF/TV-H, DC/LF/TV-V. Trigger Sensitivity: Internal: 1.5 div (typical); External: $\geq 0.5\text{ Vp-p}$. For model 2125A, internal is 0.5 div and external is 500 mV. Maximum External Trigger Voltage: 300 V (DC + AC peak). For model 2125A, it's 200 V dc + ac peak. Component Tester: Components Tested: Resistors, capacitors, inductors, and semiconductors. Test Voltage: 6 V rms maximum (open). For model 2125A, it's 12 V rms maximum (open). Test Current: 11 mA maximum (shorted). For model 2125A, it's 30 mA maximum (shorted). Test Frequency: Line frequency (60 Hz in USA). CRT Display: Type: Rectangular CRT with a large $8 \times 10\text{ cm}$ viewing area. Graticule: Internal graticule. Illumination: Variable scale illumination on Model 2125A. Trace Rotation: Electrically adjustable from the front panel. Power Requirements: 100–130 VAC or 200–260 VAC, 50/60 Hz, 38 watts. Physical Dimensions and Weight: Dimensions (H x W x D): $5.2'' \times 12.8'' \times 15.7''$ (132 mm x 324 mm x 398 mm). Weight: 16.8 lbs (7.6 kg). Environmental Conditions: Operating Temperature: $+10^\circ\text{C}$ to $+35^\circ\text{C}$ at 10–80% relative humidity for specified accuracy. Full operating range is 0°C to $+40^\circ\text{C}$ at 80% maximum relative humidity. Storage Temperature: -30°C to $+70^\circ\text{C}$ at 10–90% relative humidity. Why Choose Aumictech for BK Precision 2125A? At Aumictech, we specialize in supplying high-end electronic test equipment. Whether you need reliable oscilloscopes for detailed waveform analysis, versatile instruments for component testing, or precise tools for precise measurements, our team ensures the BK Precision 2125A delivers maximum performance for your application.

2125A 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 2125A 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

2125A Specifications

PARAMETER	VALUE
BK Precision 2125A 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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Bandwidth	20 MHz
Channels	2 dual trace
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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
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Series Family	BK Precision 2125A 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 2125A 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 ·
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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.