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Test & Measurement

sales

- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

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WavePro 7000 Series

LEADING FEATURES

- Up to 24 Mpts/Ch (48 Mpts for 2 Ch)
- Up to 10 GS/s on 4 Channels (20 GS/s for 2 Ch)
- 1, 2, and 3 GHz Bandwidths
- 1 M Ω and 50 Ω Input Paths
- X- Stream Powered Technology
- Touch Screen and Front Panel User Interface
- 10.4" SVGA Display
- Zoom and Multi-Zoom Display
- Automated Measurements with Histicons
- Connectivity to USB, GPIB and 802.3xx
- Customizable with XDEV Developer's Kit Option
- Expandable WaveShape Analysis with XMAP Option
- Jitter Analysis



LeCroy's WavePro 7000 Series brings the ability to conduct next-generation waveform measurements and analysis—not just "viewing" of signals—to 1 GHz, 2 GHz, and 3 GHz bandwidth applications. The WavePro 7300 oscilloscope is the first to offer high-speed integrated 1 M Ω and 50 Ω inputs. Connect any passive or active probe, and the WavePro DSO is ready to measure—conveniently and accurately.

LeCroy has integrated its groundbreaking X-Stream Technology into the WavePro family and combined it with the most intuitive User Interface (UI) available. Such ability gives you greater confidence in the measurements you make. Confidence you can only achieve through fast oversampling of 10 GS/s on all channels, acquisition memory of up to 48 million points to maintain fast sampling—even for long complex signals—and excellent jitter noise floor performance.

The WavePro 7000 series can conduct WaveShape Analysis 10–100 times faster than any other oscilloscope in its class. That makes them excellent tools for next-generation designs, such as datacom/telecom standards development, Gigabit Ethernet, USB 2.0, digital design and debugging, and advanced military

designs.

Greater Signal Understanding

The WavePro 7000 series provides multiple options so you can better understand the signals in design. Just press *Zoom* to see expanded detail of the waveform. See graphical views like *Histicons*, *Tracks*, and *Trends* of how a measurement changes throughout the signal. Use 3-D Analog Persistence to get better views of jitter and then measure directly from the trace.

The WavePro 7100, 7200, and 7300 units come with 1 M/channel memory, standard. And at 1 GHz, the entry-level WavePro 7000 unit provides accessibility to LeCroy's X-Stream Technology at an exceptional price.

Optional application packages focus the ability of the WavePro DSO to specific measurements in optical and electrical mask testing, magnetic and optical disk drive measurements, and clock and timing applications. Whether you're viewing signals or measuring timing and amplitude across multiple channels, the WavePro 7000 series has it all for less.





Specifications

Vertical System	WavePro 7000	WavePro 7100	WavePro 7200	WavePro 7300
Analog Bandwidth @ 50 Ω (-3 dB)	1 GHz	1 GHz	2 GHz	3 GHz
Rise Time (Typical)	400 ps	400 ps	225 ps	150 ps
Input Channels		4		
Bandwidth Limiters		25 MHz; 200 MHz		
Input Impedance	50	Ω ; 1 M Ω //11pF typical (using PP005A pr	obe)	
Input Coupling	50.07	1 MΩ: AC, DC, GND; 50 Ω: DC	I DC)	
Maximum Input Voltage Channel-Channel Isolation		5 Vrms, 1 MΩ: 100 Vmax (peak AC: ≤ 5 KF		
Vertical Resolution		250:1 at same V/div setting, 40:1 at 3 GF ; up to 11 bits with enhanced resolution		
Sensitivity		1 V/div fully variable; 1 M Ω : 2 mV – 2 V/d	· · ·	
DC Gain Accuracy	30 52. 2 1117 -	$\pm 1.5\%$ of full scale; $\pm 1\%$ (typical)	iiv ruily variable	
Offset Range		50 Ω: ±700 mV @ 2–4.99 mV/div		
onset nange		±1.5 V @ 5–100 mV/div		
		±10 V @ .102-1 V/div		
		1 MΩ: ±700 mV @ 2–4.99 mV/div ±1.5 V @ 5–100 mV/div		
		±20 V @ 0.102-2 V/div		
Offset Accuracy	±(1.	5% of full scale + 0.5% of offset value + 1	2 mV)	
•				
Horizontal System				
Timebases		common to 4 input channels; an externa		/ input
Time/Division Range		s/div – 10 s/div (normal and single-shot		
Math & Zoom Traces	4 Indep 8 math/zoom trace	endent zoom and 4 math/zoom traces savailable with XMAP (Master Analysis	stanuaru; package) or XMATH (Advanced Math	package)
Clock Accuracy	5day 255.11 trace	± ≤ 10 ppm @ 0–40 °C	,	r····=3=/
Time Interval Accuracy		≤ 0.06 / SR + (10 ppm * Reading) (rms)		
Sample Rate & Delay Time Accuracy		± 10 ppm ≤ 10 s interval		
Jitter Noise Floor		2 ps rms @ 100 mV/div (typical)		
Trigger & Interpolator Jitter		≤ 2.5 ps (typical)		
Channel-Channel Deskew Range		±4.5 ns		
External Clock	30 MHz – 1	GHz; 50 Ω impedance; applied at the \mbox{au}	uxiliary input	
Acquisition System				
Single-Shot Sample Rate/Ch	5 GS/s	10 GS/s	10 GS/s	10 GS/s
2 Channel Max	10 GS/s	20 GS/s	20 GS/s	20 GS/s
Random Interleaved Sampling (RIS)		GS/s for repetitive signals: 20 ps/div – 1		
Maximum Trigger Rate		reforms/second (in Sequence Mode, up 1		
Intersegment Time		≤ 6 µs		
Maximum Acquisition Points/Ch	4 Ch / (2 Ch)	4 Ch / (2 Ch)		Sequence Mode
Maximum Acquisition Points/Ch Standard	4 Ch / (2 Ch) 500k / 1M	4 Ch / (2 Ch) 1M / 2M		Sequence Mode 500 segments
Standard M – Memory Option				500 segments 1,000 segments
Standard M – Memory Option L – Memory Option	500k / 1M	1M / 2M 4M / 8M 8M / 16M		500 segments 1,000 segments 5,000 segments
Standard M – Memory Option L – Memory Option VL – Memory Option	500k / 1M	1M / 2M 4M / 8M 8M / 16M 16M / 32M		500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M – Memory Option L – Memory Option	500k / 1M 4M / 8M —	1M / 2M 4M / 8M 8M / 16M		500 segments 1,000 segments 5,000 segments
Standard M – Memory Option L – Memory Option VL – Memory Option	500k / 1M 4M / 8M —	1M / 2M 4M / 8M 8M / 16M 16M / 32M		500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M – Memory Option L – Memory Option VL – Memory Option XL – Memory Option	500k / 1M 4M / 8M — — —	1M / 2M 4M / 8M 8M / 16M 16M / 32M	ging to 1 million sweeps	500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing	500k / 1M 4M / 8M — — —	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M	jing to 1 million sweeps	500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option Acquisition Processing Averaging	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average		500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES)	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution		500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sweeps		500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sween Linear, Sin x/x		500 segments 1,000 segments 5,000 segments 10,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop	peps	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sween Linear, Sin x/x	peps	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope al	peps	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode	500k / 1M 4M / 8M — — — — Summed averaging	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sweeps, continuous average in the second se	peps	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay	500k / 1M 4M / 8M — — — Summed averaging En	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale	nd level unique to each source (excep	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay	500k / 1M 4M / 8M — — — Summed averaging En	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sweet Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions	nd level unique to each source (excep	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel,	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous averag From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swe Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope ai DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger;	neeps and level unique to each source (except ts 2 GHz w/Edge Trigger;	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range	500k / 1M 4M / 8M — — — Summed averaging En Any input channel,	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even	nd level unique to each source (excepts	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel,	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous averag From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swe Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope ai DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger;	neeps and level unique to each source (except ts 2 GHz w/Edge Trigger;	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous averag From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swe Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope ai DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger;	peps and level unique to each source (excepts) ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	peps and level unique to each source (excepts) ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line SMART Triggers*	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger Trigge	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sweet Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;
Standard M - Memory Option L - Memory Option VL - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger Triggers on any input	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger	peeps and level unique to each source (excepts) ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger andition	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line SMART Triggers State or Edge Qualified	500k / 1M 4M / 8M — — — — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger Trigges on any input pelay in pelay	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M 3 to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sweeps; continuous average by time series and stop with the series of t	eeps and level unique to each source (excepts) 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger andition coccurred on another input source.	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line SMART Triggers*	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger Triggers on any input channel, Triggers if signal dr Logic combination (AND) Each source can be l	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope an DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger are when signal meets slope and level control to the signal design of the signal design of the signal design of the signal meets slope and level control to the signal meets slope and slo	ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger andition c occurred on another input source. r events. et events. et occurred on an another input source. r events. et occurred on an another input source. level can be selected	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments vit line trigger)
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line SMART Triggers State or Edge Qualified Dropout Pattern	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger Triggers on any input channel, Triggers if signal dr Logic combination (AND) Each source can be l	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sweet Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0-100% of horizontal time scale 0-10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger ars when signal meets slope and level control to the signal services is selectable by time of the opposition of the source only if a defined state or edge between sources is selectable by time of the opposition of the signal selected time be NAND, OR, NOR) of 5 inputs (4 channels signal)	ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger andition c occurred on another input source. r events. et events. et occurred on an another input source. r events. et occurred on an another input source. level can be selected	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments vit line trigger)
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line SMART Triggers State or Edge Qualified Dropout Pattern	500k / 1M 4M / 8M — — — — Summed averaging En Any input channel, 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger Triggers on any input channel, Triggers if signal dr Logic combination (AND) Each source can be l	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope an DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger are when signal meets slope and level control to the signal design of the signal design of the signal design of the signal meets slope and level control to the signal meets slope and slo	ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger andition c occurred on another input source. r events. et events. et occurred on an another input source. r events. et occurred on an another input source. level can be selected	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments vit line trigger)
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line SMART Triggers State or Edge Qualified Dropout Pattern	500k / 1M 4M / 8M ————————————————————————————————————	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million swee Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope an DC50 Ω, GND, DC1MΩ, AC1MΩ 0–100% of horizontal time scale 0–10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger are when signal meets slope and level control to the signal design of the signal design of the signal design of the signal meets slope and level control to the signal meets slope and slo	ts 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger Indition e occurred on another input source. revents. etween 2 ns and 20 s. and external trigger input). level can be selected	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments vit line trigger)
Standard M - Memory Option L - Memory Option VL - Memory Option XL - Memory Option XL - Memory Option Acquisition Processing Averaging Enhanced Resolution (ERES) Envelope (Extrema) Interpolation Triggering System Modes Sources Coupling mode Pre-trigger delay Post-trigger delay Hold-off by time or events Internal trigger range Max trigger frequency Basic Triggers Edge/Slope/Line SMART Triggers State or Edge Qualified Dropout Pattern SMART Triggers with Exclusion Technology	500k / 1M 4M / 8M ————————————————————————————————————	1M / 2M 4M / 8M 8M / 16M 16M / 32M 24M / 48M g to 1 million sweeps; continuous average From 8.5 to 11 bits vertical resolution velope, floor, roof for up to 1 million sweet Linear, Sin x/x Normal, Auto, Single, and Stop External, Ext X10, Ext/10, or line; slope at DC50 Ω, GND, DC1MΩ, AC1MΩ 0-100% of horizontal time scale 0-10,000 divisions Up to 20 s or from 1 to 99,999,999 even ±5 div from center 1 GHz w/Edge Trigger; 750 MHz w/SMART Trigger ars when signal meets slope and level content of the signal selectable by time of the source only if a defined state or edge between sources is selectable by time of the source only of 5 inputs (4 channels ingh, low, or don't care. The high and low dy. Triggers at start or end of the pattern	peeps 2 GHz w/Edge Trigger; 750 MHz w/SMART Trigger ondition coccurred on another input source. r events. etween 2 ns and 20 s. and external trigger input). level can be selected . ps to 20 s or on intermittent faults. to 20 s or on intermittent faults.	500 segments 1,000 segments 5,000 segments 10,000 segments 20,000 segments 20,000 segments 20 segments 3 GHz w/Edge Trigger;



Specifications

Automatic Setup	
auto Setup	Automatically sets timebase, trigger, and sensitivity to display a wide range of repetitive signals.
ertical Find Scale	Automatically sets the vertical sensitivity and offset for the selected channels to display a waveform with maximum dynamic range.
Probes	
robes	(2) PP005A standard; Optional passive and active probes available.
robe System: Probus	Automatically detects and supports a variety of compatible probes.
cale Factors	Automatically or manually selected depending on probe used.
Color Waveform Display	
ype	Color 10.4" flat-panel TFT-LCD with high resolution touch screen
lesolution	SVGA; 800 x 600 pixels
leal time Clock	Dates, hours, minutes, seconds displayed with waveform. SNTP support to synchronize to precision internet clocks.
lumber of Traces	Display a maximum of 8 traces. Simultaneously display channel, zoom, memory, and math traces.
rid Styles	Auto, Single, Dual, Quad, Octal, XY, Single + XY, Dual + XY
Vaveform Styles	Sample dots joined or dots only
Analog Persistence Display	
nalog & Color-Graded Persistence	Variable saturation levels; stores each trace's persistence data in memory.
ersistence Selections	Select analog, color, or three-dimensional.
race Selection	Activate persistence on all or any combination of traces.
ersistence Aging Time	Select from 500 ms to infinity.
weeps Displayed	All accumulated, or all accumulated with last trace highlighted
Coom Expansion Traces	
Expansion fraces	Display up to 4 Zoom and 4 Math/Zoom traces;
	8 Math/Zoom traces available with XMAP (Master Analysis package) or XMATH (Advanced Math package).
:PU	
rocessor	Processor Intel Pentium 4 @ 2.53 GHz (or better) with MS Windows 2000 Platform
rocessor rocessing Memory	Processor Intel Pentium 4 @ 2.53 GHz (or better) with MS Windows 2000 Platform Up to 2 Gbytes
* *	Op to 2 daytes
nternal Waveform Memory	
	M1, M2, M3, M4 Internal Waveform Memory (store full-length waveforms with 16 bits/data point)
	or store to any number of files limited only by data storage media
etup Storage	
ront Panel and Instrument Status	Store to the internal hard drive, floppy drive or to a USB-connected peripheral device.
nterface	
emote Control	Via Windows Automation, or via LeCroy Remote Command Set
PIB Port (Optional)	Supports IEEE – 488.2
thernet Port	10/100Base-T Ethernet interface
loppy Drive	Internal, DOS-format, 3.5" high-density
ISB Ports	4 USB ports support Windows compatible devices
xternal Monitor Port Standard	15-pin D-Type SVGA-compatible
arallel Port	1 standard
Auxiliary Output	
ignal Types	Select from calibrator or control signals output on front panel
alibrator Signal	5 Hz–5 MHz square wave or DC level; 0.0 to 5.0 V into 50 Ω (0–1 V into 1 MΩ) or TTL volts (selectable)
ontrol Signals	Trigger enabled, trigger out, pass/fail status
•	33
Auxiliary Input	
iignal Types	Selected from External Trigger or External Clock input on front panel
General	
auto Calibration	Ensures specified DC and timing accuracy is maintained for 1 year minimum
ower Requirements	100–120 VAC at 50/60/400 Hz; 200–240 VAC at 50/60 Hz; Automatic AC Voltage selection
	Power consumption: < 800 VA
invironmental	
emperature (Operating)	+5 °C to +40 °C including floppy disk and CD-ROM drives
emperature (Non-Operating)	-20 ℃ to +60 ℃
lumidity (Operating)	5% to 80% relative humidity (non-condensing) up to +30 °C. Upper limit derates to 25% relative humidity (non-condensing) at +40 °C
lumidity (Non-Operating)	5% to 95% relative humidity (non-condensing) as tested per MIL-PRF-28800F
ltitude (Operating)	up to 10,000 ft (3048 m) at or below +25 ℃
ltitude (Non-Operating)	up to 40,000 ft (12,192 m)
andom Vibration (Operating)	0.31 g rms 5 Hz to 500 Hz, 15 minutes in each of three orthogonal axes
andom Vibration (Non-Operating)	2.4 g rms 5 Hz to 500 Hz, 15 minutes in each of three orthogonal axes
unctional Shock	20 g peak, half sine, 11 ms pulse, 3 shocks (positive and negative) in each of three orthogonal axes, 18 shocks total
Physical Dimensions	
Dimensions (HWD)	264 mm x 397 mm x 491 mm; 10.4" x 15.6" x 19.3" (height excludes feet)
Veight	18 kg; 39 lbs.
hipping Weight	24 kg; 53 lbs.
Certifications	
.e. ancadons	CE Approved, UL and cUL listed; conforms to EN 61326-1, EN 61010-1, UL 3111-1, and CSA C22.2 No. 1010.1
	CE Approved, OL and COL listed, Contomis to EN 01520-1, EN 01010-1, UL 3111-1, and CSA C22.2 NO. 1010.1
Varranty and Service	



Ordering Information

WavePro 4-Channel Digital OscilloscopesProduct Code4 Ch 3 GHz DSO; 10 GS/s; 1 Mpts/Ch; 2 Mpts/Ch 20 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ InputWavePro 73004 Ch 2 GHz DSO; 10 GS/s; 1 Mpts/Ch; 2 Mpts/Ch 20 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ InputWavePro 73004 Ch 1 GHz DSO; 10 GS/s; 1 Mpts/Ch; 2 Mpts/Ch 20 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ InputWavePro 71004 Ch 1 GHz DSO; 5 GS/s; 500 kpts/Ch; 2 Mpts/Ch 10 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ InputWavePro 7000Included with Standard ConfigurationWavePro 700010:1 10 MΩ Passive Probes (Qty 2)PP05ACD-ROM containing Operators Manual, Remote Command Manual, Utility Software, and Recovery SoftwareRemote Control ManualHoppy Disk DriveOptical 3 button Wheel Mouse- USBStandard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USBProtective Front CoverStandard Commercial Calibration and Performance CertificateAntiVirus Software3-Year WarrntyMemory Options8 Mpts/2 Ch, 4 Mpts/Ch-M16 Mpts/2 Ch, 24 Mpts/Ch-VL48 Mpts/2 Ch, 24 Mpts/Ch-VL48 Mpts/2 Ch, 24 Mpts/Ch-VL48 Mpts/2 Ch, 24 Mpts/Ch-VL48 Mpts/2 Ch, 24 Mpts/Ch-VL16 Mpts/Ch as Ampts/Ch-VL48 Mpts/2 Ch, 24 Mpts/Ch-VL48 Mpts/2 Ch, 24 Mpts/Ch-VL48 Mpts/2 Ch, 26 Mpts/Ch-VL49 Mys-Pro7000 unit's maximum memory is "M" optionHardware OptionsWM-RHDIEEE-488 Remote Control InterfaceGPIB-1Removable Hard Drive Option
4 Ch 2 GHz DSO; 10 GS/s; 1 Mpts/Ch; 2 Mpts/Ch 20 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input 4 Ch 1 GHz DSO; 10 GS/s; 1 Mpts/Ch; 2 Mpts/Ch 20 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input 4 Ch 1 GHz DSO; 5 GS/s; 500 kpts/Ch; 1 Mpts/Ch 10 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input 4 Ch 1 GHz DSO; 5 GS/s; 500 kpts/Ch; 1 Mpts/Ch 10 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input 4 Ch 1 GHz DSO; 5 GS/s; 500 kpts/Ch; 1 Mpts/Ch 10 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input 4 Ch 1 GHz DSO; 5 GS/s; 500 kpts/Ch; 1 Mpts/Ch 10 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input 5 United With Standard Configuration 6 Included with Standard Configuration 7 Included with Standard Configuration 8 Included with Standard Configuration 8 Included with Standard Configuration 9 PP005A 9 CD-ROM Drive 9 Optical 3 button Wheel Mouse- USB 9 Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB 9 Protective Front Cover 9 Standard Commercial Calibration and Performance Certificate 9 Alva 3-Year Warranty 9 Memory Options 9 Memory Options 9 Memory Options 9 Memory Options 9 Mpts/2 Ch, 4 Mpts/Ch 9 - Included With Standard Configuration
4 Ch 1 GHz DSO; 10 GS/s; 1 Mpts/Ch; 2 Mpts/Ch 20 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input WavePro 7100 4 Ch 1 GHz DSO; 5 GS/s; 500 kpts/Ch; 1 Mpts/Ch 10 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input WavePro 7000 Included with Standard Configuration 10:1 10 MΩ Passive Probes (Qty 2) PP005A CD-ROM containing Operators Manual, Remote Command Manual, Utility Software, and Recovery Software Remote Control Manual Floppy Disk Drive CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 1-M 16 Mpts/2 Ch, 8 Mpts/Ch 2-L 32 Mpts/2 Ch, 16 Mpts/Ch 32 Mpts/2 Ch, 16 Mpts/Ch 4-VL 48 Mpts/2 Ch, 24 Mpts/Ch 5-XL Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WaveShape Analysis Packages
A Ch 1 GHz DSO;5 GS/s; 500 kpts/Ch; 1 Mpts/Ch 10 GS/s using 2 or 1 Ch; 50 Ω and 1 MΩ Input Included with Standard Configuration 10:1 10 MΩ Passive Probes (Qty 2) PP005A CD-ROM containing Operators Manual, Remote Command Manual, Utility Software, and Recovery Software Remote Control Manual Floppy Disk Drive CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 1-L 32 Mpts/2 Ch, 16 Mpts/Ch 4-VL 48 Mpts/2 Ch, 16 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-CDRW WaveShape Analysis Packages
Included with Standard Configuration 10:1 10 MΩ Passive Probes (Qty 2) CD-ROM containing Operators Manual, Remote Command Manual, Utility Software, and Recovery Software Remote Control Manual Floppy Disk Drive CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software AV 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 1-M 16 Mpts/2 Ch, 8 Mpts/Ch 2-L 32 Mpts/2 Ch, 16 Mpts/Ch 34 Mpts/2 Ch, 16 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WW-CDRW WaveShape Analysis Packages
10:1 10 MΩ Passive Probes (Qty 2) CD-ROM containing Operators Manual, Remote Command Manual, Utility Software, and Recovery Software Remote Control Manual Floppy Disk Drive CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 1- L 32 Mpts/2 Ch, 16 Mpts/Ch 1- VL 48 Mpts/2 Ch, 24 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface Removable Hard Drive Option WM-RHD CD-RW Upgrade WaveShape Analysis Packages
CD-ROM containing Operators Manual, Remote Command Manual, Utility Software, and Recovery Software Remote Control Manual Floppy Disk Drive CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software ANU 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 2-L 32 Mpts/2 Ch, 16 Mpts/Ch 4-VL 48 Mpts/2 Ch, 24 Mpts/Ch -VL 48 Mpts/2 Ch, 24 Mpts/Ch -VL Wote: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface Removable Hard Drive Option WM-RHD CD-RW Upgrade Ww-CDRW WaveShape Analysis Packages
Remote Control Manual Floppy Disk Drive CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software ANU 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 1L 18 Mpts/2 Ch, 16 Mpts/Ch 19 Avu 19 Avu 19 Avu 10 Avu 10 Avu 10 Avu 11 Avu 11 Avu 12 Avu 13 Avu 14 Avu 15 Avu 16 Avu 17 Avu 18 Avu 18 Avu 19 Av
Floppy Disk Drive CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software AV 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch -M 16 Mpts/2 Ch, 8 Mpts/Ch -L 32 Mpts/2 Ch, 16 Mpts/Ch -VL 48 Mpts/2 Ch, 24 Mpts/Ch -VL 48 Mpts/2 Ch, 24 Mpts/Ch -XL Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
CD-ROM Drive Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 2. L 32 Mpts/2 Ch, 16 Mpts/Ch 4-VL 48 Mpts/2 Ch, 24 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface Removable Hard Drive Option CD-RW Upgrade WaveShape Analysis Packages
Optical 3 button Wheel Mouse- USB Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software AV 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/ChM 16 Mpts/2 Ch, 8 Mpts/Ch -L 32 Mpts/2 Ch, 16 Mpts/ChVL 48 Mpts/2 Ch, 24 Mpts/ChVL 48 Mpts/2 Ch, 24 Mpts/ChXL Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
Standard Ports; 10/100Base-T Ethernet, Parallel, SVGA Video Output, USB Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software AV 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch -M
Protective Front Cover Standard Commercial Calibration and Performance Certificate AntiVirus Software ANU 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 32 Mpts/2 Ch, 16 Mpts/Ch 4-L 32 Mpts/2 Ch, 16 Mpts/Ch 4-VL 48 Mpts/2 Ch, 24 Mpts/Ch 4-VL Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface Removable Hard Drive Option CD-RW Upgrade WaveShape Analysis Packages
Standard Commercial Calibration and Performance Certificate AntiVirus Software 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 32 Mpts/2 Ch, 16 Mpts/Ch 32 Mpts/2 Ch, 16 Mpts/Ch 48 Mpts/2 Ch, 24 Mpts/Ch 48 Mpts/2 Ch, 24 Mpts/Ch 40 VL 40 Mpts/Ch 40 Mpts/Ch 40 VL 40 Mpts/Ch 40 Mpts/Ch 40 VL 40 Mpts/Ch 40
AntiVirus Software 3-Year Warranty Memory Options 8 Mpts/2 Ch, 4 Mpts/Ch 16 Mpts/2 Ch, 8 Mpts/Ch 32 Mpts/2 Ch, 16 Mpts/Ch 32 Mpts/2 Ch, 16 Mpts/Ch 48 Mpts/2 Ch, 24 Mpts/Ch 48 Mpts/2 Ch, 24 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface Removable Hard Drive Option CD-RW Upgrade WaveShape Analysis Packages
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16 Mpts/2 Ch, 8 Mpts/Ch 32 Mpts/2 Ch, 16 Mpts/Ch 48 Mpts/2 Ch, 24 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
32 Mpts/2 Ch, 16 Mpts/Ch 48 Mpts/2 Ch, 24 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
48 Mpts/2 Ch, 24 Mpts/Ch Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
Note: WavePro 7000 unit's maximum memory is "M" option Hardware Options IEEE-488 Remote Control Interface GPIB-1 Removable Hard Drive Option WM-RHD CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
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Removable Hard Drive Option WM-RHD CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
CD-RW Upgrade WM-CDRW WaveShape Analysis Packages
WaveShape Analysis Packages
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Disk Drive Measurement Package DDM2
Digital Filter Package DFP2
Ethernet Test Software Package ENET
Jitter and Timing Analysis Package JTA2
Advanced M1 Software Package for Jitter and Timing Measurements (1 seat) LECROYM1/ADV-1
Basic M1 Software Package for Jitter and Timing Measurements LECROYM1/BASIC
Power Measure and Analysis Package PMA2
Serial Mask Package SDM
USB 2.0 Pre-Compliance Test Software Package USB2
Advanced Customization Package XDEV
Master Analysis Package (includes JTA2, XMATH, XDEV) XMAP
Advanced Math Software Package XMATH
Selected Accessories
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3.5 GHz Active Voltage Probe HFP3500
2.5 GHz Active Voltage Probe HFP2500
1.5 GHz Active Voltage Probe HFP1500
WaveLink - 3 GHz Differential Probe and Adjustable Twin Tips D300
Current Probe CP and AP Series
O/E Converters 500–1630 nm OE 425/455
Keyboard KYBD-1
Graphic Printer Paper (10 Rolls) GRP10
Oscilloscope Cart OC1021
Oscilloscope Cart with additional shelf and drawer OC1024
Octo24
Rackmount - 25" Slide RMA-25 Rackmount - 30" Slide RMA-30

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