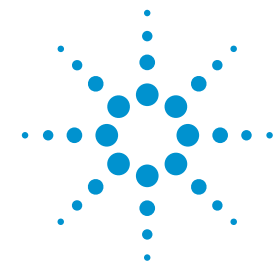
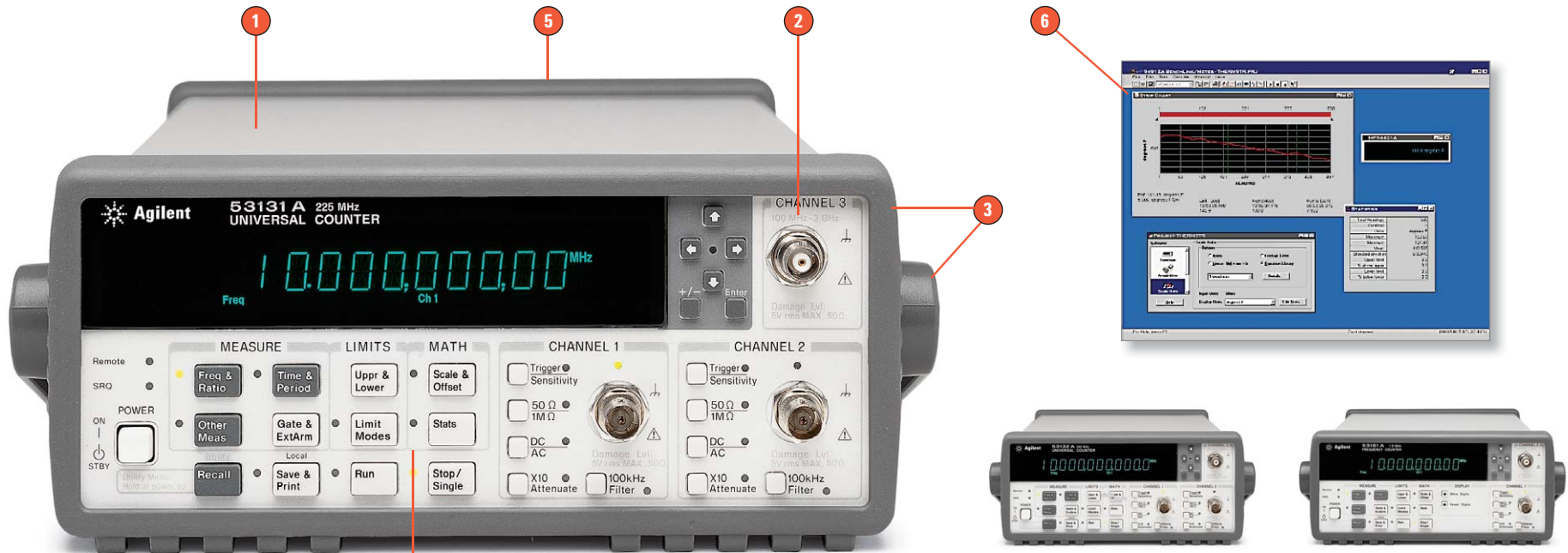


Agilent 53131A, 53132A and 53181A Universal Counters



High-performance, low-cost counters simplify and speed system and bench frequency measurements



Fast, precise frequency measurements

- Measures frequency, period, ratio, time interval, pulse width, rise/fall time, phase angle, duty cycle, totalize and peak voltage
- Optional timebases for increased stability
- 500 or 150 ps single-shot time interval resolution
- Other features: Built-in statistics, math functions, automated limit testing and store up to 20 different front-panel setups

1. 53131A, 225 MHz Universal Frequency Counter, 2-ch, 10 digit/second
2. 1.5 GHz, 3 GHz, 5 GHz and 12.4 GHz optional input
3. Removable handle and bumpers for easy rack mounting
4. Easy-to-use front panel for quick measurement setup
5. Rear panel computer interfaces: GPIB and RS-232
6. Free IntuiLink software for instrument setup and data monitoring/analysis



Quick Fact Sheet

Agilent 53131A, 53132A and 53181A Universal Counters

Choose the frequency counter that meets your needs

	53131A	53132A	53181A
Bandwidth	225 MHz	225 MHz	225 MHz
Frequency resolution	10-digit	12-digit	10-digit
Type	Universal, 2-channel	Universal, 2-channel	RF, 1-channel
Time interval resolution	500	150	N/A
Optional high-frequency input	3, 5, or 12.4 GHz	3, 5, or 12.4 GHz	1.5, 3, 5, or 12.4 GHz
Measurement functions	Frequency, frequency ratio, time interval, period, rise/fall time, positive/negative pulse width, duty cycle, phase, totalize, peak voltage, time interval average, time interval delay		Frequency, frequency ratio (w/optional channel 2), period, peak voltage
Other features	Built-in statistics (min, max, avg, std dev), math functions (scale, offset), automated limit testing, and stores up to 20 front panel setups		
Connectivity	GPIB, RS-232 , Intuilink Software		

Options

Part #	Description
Opt 001	Medium-stability timebase
Opt 010	High-stability timebase
Opt 012	Ultra-high-stability timebase*
Opt 015	1.5 GHz RF input**
Opt 030	3 GHz RF input
Opt 050	5 GHz RF input
Opt 124	12.4 GHz RF input
Opt 1CM	Rack mount kit

*53132A only

**53181A only

Technical data and pricing subject to change without notice.

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Accessories

Part #	Description
10833A/B/C/D/F/G	GPIB cable
82350B	PCI high-performance GPIB card
82357B	USB/GPIB Interface
34131A	Transit case
E5805A	USB/4-port RS-232 interface
E5810A	GPIB to LAN Gateway

Recommended service options

Additional two years of Return-to-Agilent warranty

Additional two years of Return-to-Agilent calibrations

For more information, go to www.agilent.com/find/removealldoubt



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