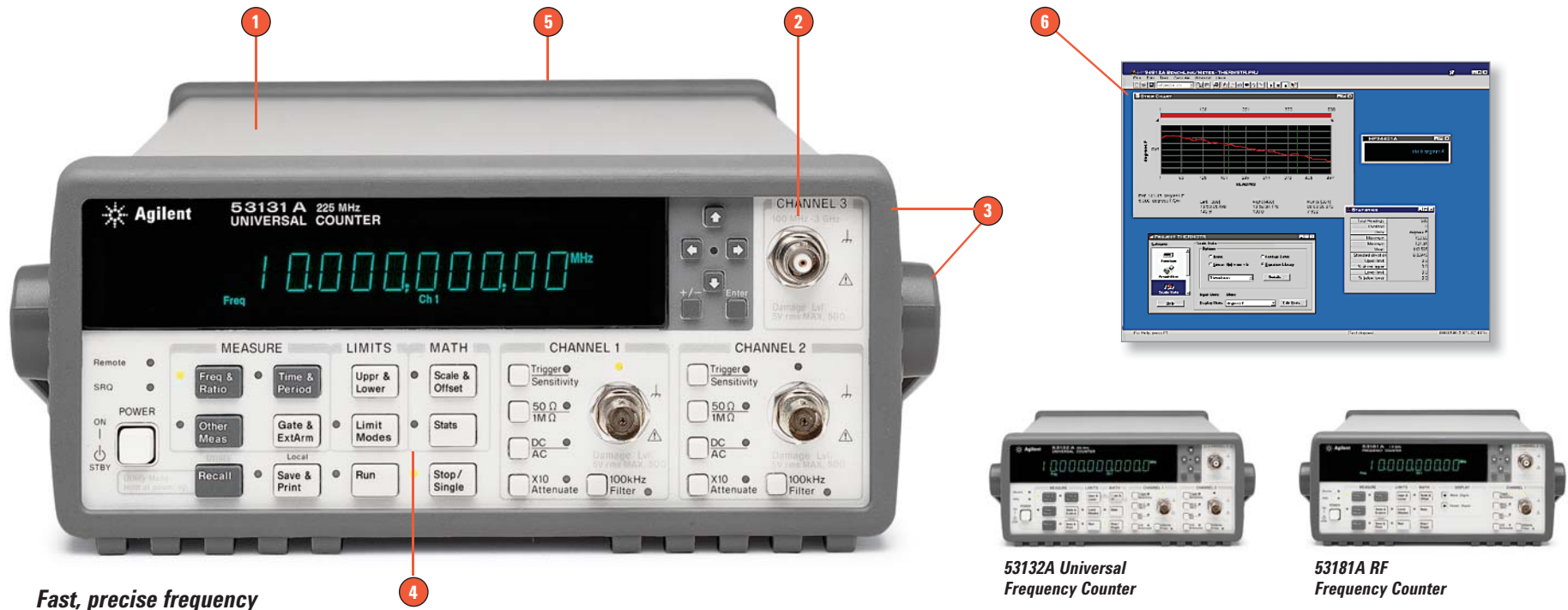


## Quick Fact Sheet

# 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
<b>Bandwidth</b>	225 MHz	225 MHz	225 MHz
<b>Frequency resolution</b>	10-digit	12-digit	10-digit
<b>Type</b>	Universal, 2-channel	Universal, 2-channel	RF, 1-channel
<b>Time interval resolution</b>	500	150	N/A
<b>Optional high-frequency input</b>	3, 5, or 12.4 GHz	3, 5, or 12.4 GHz	1.5, 3, 5, or 12.4 GHz
<b>Measurement functions</b>	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
<b>Other features</b>	Built-in statistics (min, max, avg, std dev), math functions (scale, offset), automated limit testing, and stores up to 20 front panel setups		
<b>Connectivity</b>	GPIB, RS-232 , Intuilink Software		
<b>Price (US\$)</b>	<b>\$2,168</b>	<b>\$3,363</b>	<b>\$1,889</b>

### Options

Part #	Description	Price (US\$)
<b>Opt 001</b>	Medium-stability timebase	<b>\$720</b>
<b>Opt 010</b>	High-stability timebase	<b>\$1,069</b>
<b>Opt 012</b>	Ultra-high-stability timebase*	<b>\$2,143</b>
<b>Opt 015</b>	1.5 GHz RF input**	<b>\$600</b>
<b>Opt 030</b>	3 GHz RF input	<b>\$1,068</b>
<b>Opt 050</b>	5 GHz RF input	<b>\$2,137</b>
<b>Opt 124</b>	12.4 GHz RF input	<b>\$2,970</b>
<b>Opt 1CM</b>	Rack mount kit	<b>\$59</b>

\*53132A only

\*\*53181A only

### Accessories

Part #	Description	Price (US\$)
<b>10833A/B/C/D/F/G</b>	GPIB cable	<b>\$77-\$100</b>
<b>82350B</b>	PCI high-performance GPIB card	<b>\$531</b>
<b>82357B</b>	USB/GPIB Interface	<b>\$526</b>
<b>34131A</b>	Transit case	<b>\$301</b>
<b>E5805A</b>	USB/4-port RS-232 interface	<b>\$353</b>
<b>E5810A</b>	GPIB to LAN Gateway	<b>\$1,061</b>

Technical data and pricing subject to change without notice.

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#### 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](http://www.agilent.com/find/removealldoubt)