



Counter Selection Guide³

Model	Frequency range (extension)	Freq. resolution (1 s gate time)	Sensitivity	Time-interval res. (single-shot/averaging)	Additional features	Page	Price
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Universal Counters

HP 5314A	100 MHz	1 Hz	25 mV	100 ns	Battery optional	189	\$850
HP 5315A	100 MHz (1 GHz)	7 digits	10 mV	100 ns/10 ps	Battery optional	192	\$1,650
HP 5316B	100 MHz (1 GHz)	7 digits	10 mV	100 ns/10 ps	HP-IB standard	192	\$2,000

High-Performance Universal Counters

HP 53131A	225 MHz (3 GHz)	10 digits	35 mV	500 ps	HP-IB standard, optional 3-GHz channel 3	191	\$1,675
HP 53132A	225 MHz (3 GHz)	12 digits	35 mV	125 ps	HP-IB standard, optional 3-GHz channel 3	191	\$2,400
HP 5334B	100 MHz (1.3 GHz)	9 digits	15 mV	2 ns/200 ps	HP-IB standard, auto pulse characterization	194	\$2,425
HP 5335A	200 MHz (1.3 GHz)	9 digits	25 mV	2 ns/100 ps	HP-IB standard, dc DVM optional, auto pulse characterization	196	\$5,775

Precision Time-Interval Counter

HP 5370B	100 MHz	11 digits	35 mV	100 ps/0.3 ps	HP-IB standard, statistics	198	\$18,000
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RF Frequency Counters

HP 5384A	225 MHz	9 digits	15 mV		HP-IB standard, battery optional	200	\$1,850
HP 5385A	1 GHz	9 digits	15 mV		HP-IB standard, battery optional	200	\$2,290
HP 5386A	3 GHz	9 digits	-33 dBm		HP-IB standard	200	\$4,150

CW Microwave Counters

HP 5350B	20 GHz	1 Hz	-40 dBm		HP-IB standard, MATE optional	202	\$5,950
HP 5351B	26.5 GHz	1 Hz	-40 dBm		HP-IB standard, MATE optional	202	\$7,150
HP 5352B	40 GHz (46 GHz)	1 Hz	-30 dBm		HP-IB standard, MATE optional	202	\$11,000

CW Microwave Counter/Power Meters

HP 5347A	20 GHz	1 Hz	-32 dBm		HP-IB optional, battery optional, -70dBm to +20 dBm power range	204	\$8,750
HP 5348A	26.5 GHz	1 Hz	-32 dBm		HP-IB optional, battery optional, -70 dBm to +20 dBm power range	204	\$9,850

Pulsed/CW Microwave Counter

HP 5361B	20 GHz (26.5 GHz) (40 GHz)	1 Hz	-32 dBm		HP-IB standard, MATE optional, full microwave pulse measurements, automatic pulse profiling	206	\$12,495
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¹ Information on the modulation domain analyzers starts on the next page.

² For frequencies above 46 GHz, see the HP 5356D on page 209.

³ See pages 208-209 for information about mature products. For modular counters, see the VXI products on page 67.

☎ For off-the-shelf shipment, call 800-452-4844.

For the most current prices and product information, contact your local Hewlett-Packard sales office—see page 654.