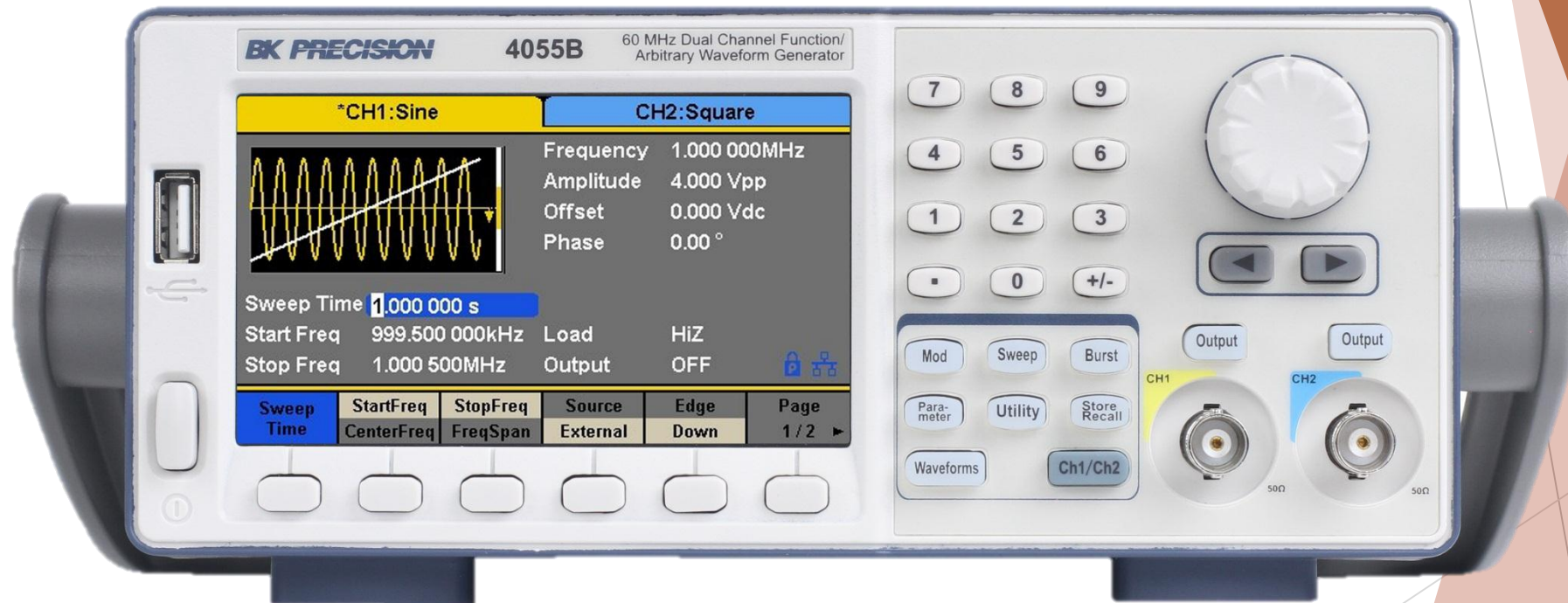


4050B Series

10 MHz / 30 MHz / 60 MHz

Dual Channel Function/Arbitrary Waveform Generators



BK 4050B Series
Dual Channel Function/Arbitrary Waveform Generators

BK PRECISION
ELECTRONIC TEST INSTRUMENTS

Sefram

Overview

- ▶ 14-bit, 150 MSa/s, 16k point arbitrary waveform generator
- ▶ Two independent channels with individual output On/Off buttons
- ▶ Large 4.3-inch LCD color display
- ▶ LAN, USB device port (USBTMC-compliant), front panel USB host port and GPIB* connectivity
- ▶ Harmonics generator function
- ▶ Flash memory size of approximately 100 MB for storage/recall of >1000 settings and arbitrary waveforms
- ▶ PC software provided for arbitrary waveform editing

* with optional USB-to-GPIB Adapter



BK 4050B Series
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Replacement models

BK4053 → BK4053B

BK4054 → BK4054B

BK4055 → BK4055B

**Model BK4052 will not be discontinued at this time and will be available until further notice



BK 4050B Series
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Replacement models

Parameter	4050 series	4050B series
Models / Frequency	5 / 10 / 25 / 50 MHz	10 / 30 / 60 MHz
Output amplitude (into 50 Ω)	CH1: 10 Vpp; CH2: 3 Vpp	CH1: 10 Vpp; CH2: 10 Vpp
Sampling rate	125 MSa/s	150 MSa/s
Square wave	Maximum frequency 25 MHz Rise time < 12 ns Jitter < 0.1% of period	Maximum frequency 60 MHz Rise time < 4.2 ns Jitter < 300ps + 0.05ppm of period
External reference	10 MHz Input	10MHz Input/Output
Number of built-in arbitrary waveforms	48	196
Number of instrument settings and arbitrary waveform locations	10 each	> 1000
Noise generator	Periodic	Random
LAN	-	✓
Channel tracking	-	✓
Waveform combine function	-	✓
Harmonics generator function	-	✓
PSK modulation	-	✓
Display	3.5" 320 x 240 LCD display	Large 4.3" 480 x 272 LCD display



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Comparison Table



Model	Sine & Square max Frequency	Price List
B&K Precision 4053B	10MHz	630€
B&K Precision 4054B	30MHz	750€
B&K Precision 4055B	60MHz	920€

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