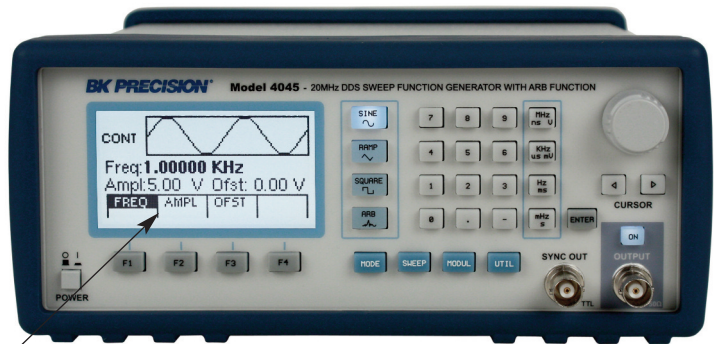


Data Sheet

20MHz DDS Sweep Function Generator with Arb Function

Model 4045

The model 4045 DDS Function Generator is a must-have for anyone needing a low cost, full featured direct digital synthesis (DDS) function generator with arbitrary waveform capabilities. The 4045 has a menu-driven front panel interface that includes a large, easy-to-read graphical LCD display. Waveform parameter changes and data entry can be made using the rotary knob or via the built-in USB interface. The unit generates superb quality waveforms with high signal precision and stability. It provides sine & square wave outputs over the frequency range from 0.1 Hz to 20 MHz in one extended range (triangle/ramped wave outputs to 2MHz). Arbitrary waveforms can be edited from scratch or by modifying standard waveforms. A full range of triggering capabilities is available, including internal-external trigger source, gated and burst modes of operation.



Graphical LCD display



USB connection

- 20MHz Frequency Range (sine & square only)
- Sine, Square & Triangle waveforms
- Arbitrary waveforms to 1,000 points
- Clean, precise DDS waveform generation
- Modulation in both AM & FM
- Lin or Log Sweep Function
- Adjustable Duty Cycle
- Adjustable DC Offset
- Bright informative LCD
- USB Interface
- Free downloadable software



Model	4045
Frequency Range	0.1Hz to 20MHz (sine & square wave only)
Waveforms	Sine, Square, Triangle, Arbitrary, Ramp, Pulse
Amplitude	10V p-p into 50Ω
Attenuation	-20dB + 1dB
Offset	± 4.5V into 50 Ω (amplitude dependent)
Distortion (for sine wave at 5 Vp-p into 50 Ω)	DC-20KHz = -55 dBc
Square Rise/Fall Time	< 18 ns (10% to 90%) into 50 Ω
Flatness (for sine wave at 5 Vp-p into 50 Ω)	0.5 dB at 1MHz (1 dB to 20 MHz)
Power Source	90V-264V, 48-66Hz / 30 VA max
Dimensions (WxHxD)	8.4 x 3.5 x 8.3" (213 x 88 x 210 mm)
Weight	5.5 lbs, 2.5 Kg (approx.)
Three Year Warranty	
Included Accessories	Manual, software CD, USB cable, power cord, test report and certificate of calibration

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Function Generators & Synthesisers](#) category:

Click to view products by [B&K Precision](#) manufacturer:

Other Similar products are found below :

[3001](#) [CT3734](#) [4047B](#) [4010A](#) [SFG-210](#) [SFG-205](#) [33502A/903](#) [4013B](#) [AD9166BBPZ](#) [CT3736](#) [FIT0778](#) [28II](#) [3446GPBU](#) [EDU33211A](#)
[EDU33212A](#) [U2010A](#) [MOKU:GO M1 \(STORM\)](#) [MOKU:GO M0 \(STORM\)](#) [MOKU:GO M2 \(STORM\)](#) [MOKU:GO M0 \(WHITE\)](#)
[MOKU:GO M1 \(WHITE\)](#) [MOKU:GO M2 \(WHITE\)](#) [IZD0024](#) [114991659](#) [T3AFG10](#) [T3AFG500](#) [T3AFG5](#) [T3AFG30](#) [T3AFG60](#) [T3AFG80](#)
[W09-4A-12V](#) [33509B](#) [33519B](#) [33512B](#) [33520B](#) [33522B](#) [AFG31051](#) [AFG31101](#) [AFG31152](#) [AFG31251](#) [AFG31252](#) [CT3733](#) [33510B/903](#)
[4011A](#) [33509B/903](#) [33511B/903](#) [33612A](#) [4010](#) [4053](#) [4001A](#)