

PeakTech® 4045 PROD-ID: P 4045

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DDS Function Generator, 100 mHz - 150 MHz with LCD-display

New DDS function generator in the high performance indexes with numerous function characteristics which are necessary for the fast completion of measuring. The simple and clear front panel design and 5,7"-color liquid crystal display shows the whole working states of the generator and set the corresponding parameters. Moreover, the optional extended functions enhance the system characteristics.

- 5,7" TFT LCD with clear menu interface and working parameters
- High frequency accuracy: up to 10⁻⁵
- High frequency resolution: 10 µHz
- Memory for presetting up to 10 settings
- Burst and modulation property: AM, FM, FSK, ASK, OSK, PSK
- Frequency, period, amplitude virtual-, peak-peak- and power level value selectable
- USB interface
- Integrated frequency counter up to 100 MHz and 7 W power amplifier
- Safety: EN 61010-1; CAT II
- Accessories: power cable, USB interface cable, software for Windows 2000/XP/VISTA/7/8/10, BNC cable, spare fuse and operation manual



MANUAL

[PeakTech_4040-4045_12-2016F.pdf \(2,728.5 kB\)](#)

PICTURES

[4045_L.jpg \(182.8 kB\)](#)

[4045_R.jpg \(181.6 kB\)](#)

SOFTWARE

[PeakTech_4040_4045_Software.rar \(3,336.0 kB\)](#)

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|----------------------|--|
| Frequency range | 100 mHz - 150 MHz |
| Output waveforms | sine, square, pulse, TTL, DC, triangle, sawtooth, stair, sweep, cardiac, sin(x)/s, burst, AM, FM, 2PSK, 4PSK, 2FSK, 4FSK, OSK, ASK |
| Vertical resolution | 14 bits |
| Sample rate | 400 MS/s |
| Harmonic distortion | -45 dBc |
| Total distortion | < 0,1 % |
| Square waveform | < 20 ns rise/fall time |
| Duty cycle | 0,1 - 99,9 % |
| Frequency resolution | 100 mHz |
| Amplitude range | 0 - 20 Vpp |
| Amplitude offset | ± 10 V |
| Amplitude resolution | 1 0/00 |
| Frequency range | 10 µHz - 5 MHz |
| Waveform length | 4096 points |
| Resolution | 1 µHz |
| Power amplifier | 7 W (integrated) |
| Operation voltage | 100 - 120 V / 200 - 240 V AC; 50/60 Hz switchable ext. |
| Dimensions (WxHxD) | 330 x 155 x 285 mm |
| Weight | 4 kg |
| EAN-13 | 4250569401053 |

