

## PeakTech® 4120 PROD-ID: P 4120

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### 1CH Arbitrary Waveform Generator, 1 $\mu$ Hz - 5 MHz

This newly designed arbitrary waveform generator with advanced graphical user control has excellent technical properties and a high variety of functions. Of particular note here are the easily control via the various menu functions, a wide range of integrated waveforms and the excellent price/performance ratio. In this way this generator is perfect for almost all tasks in education, research and development.

- Large 4" high resolution color TFT-Display
- New developed graphical user interface (GUI) with many functions
- 1uHz frequency resolution for whole bandwidth
- High sampling rate of 125 MS/s
- 14-Bit vertical resolution
- Integrated waveform editor (2 to 8.000 Points)
- 6 standard waveforms (Sinus, Square, Triangle, DC etc.)
- 45 arbitrary waveforms (Hamming, Gaussian, Trapezia, Tan etc.)
- SCPI and LabView support
- Software program for remote control and waveform edit
- Safety: EN 61010
- Accessories: Power cable, USB interface cable, Software for Windows, BNC-cable, Manual and SCPI protocol on CD



#### MANUAL

- [PeakTech\\_4120 - 4165\\_12-2017.pdf \(2,084.4 kB\)](#)
- [PeakTech\\_4120-4165 series SCPI protocol v1.0.pdf \(629.5 kB\)](#)

#### PICTURES

- [P4120\\_Front.jpg \(259.0 kB\)](#)
- [P4120\\_L.jpg \(234.8 kB\)](#)
- [P4120\\_Rear.jpg \(215.4 kB\)](#)

#### SOFTWARE

- [DS\\_Wave\\_ultrawave\\_2.1.9.v20160921\\_Setup\\_peak.zip \(51,070.1 kB\)](#)
- [PeakTech\\_LibUSB\\_Driver\\_Win7\\_8\\_10.rar \(4,587.2 kB\)](#)

Display	10 cm (4") TFT, 480 x 320 pixel, 65536 color, 16Bit
Frequency range Sine	1 $\mu$ Hz - 5 MHz
Frequency range Square	1 $\mu$ Hz - 5 MHz
Frequency range Pulse	1 $\mu$ Hz - 5 MHz
Frequency range Ramp	1 $\mu$ Hz - 1 MHz
Frequency range Arb.	1 $\mu$ Hz - 5 MHz
Frequency range Noise	5 MHz (-3dB)
Frequency resolution	1 $\mu$ Hz full bandwidth
Vertical resolution	14-Bit
Sampling rate	125 MS/s
Waveform length	2 pts. ... 8.000 pts
Amplitude range (50 $\Omega$ )	1 mVpp ... 12.5 Vpp
Amplitude range (High Z)	1 mVpp ... 25 Vpp
Internal Memory	64 MByte
PC Interface	USB Device
Operation voltage	100 ~ 240 V AC; 50 / 60 Hz
Dimensions (WxHxD)	235 x 110 x 295 mm
Weight	3 kg
EAN-13	4250569404252

