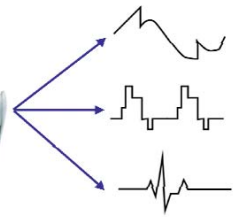




Arbitrary function generators 5 to 25MHz



- USB**
- PC software**
- Labview Driver**

11cm TFT LCD resolution 480x272
 Frequency + voltage and settings.
 Programming of an arbitrary signal with the keyboard.
 Sample rate 20MSa/s and 10 bits amplitude resolution.
 4000 points memory.
 AM FM FSK SWEEP Modulation (série 2100).
 Frequency meter (2100 serie).

| REF. | AFG2105 | AFG2112 | AFG2125 | AFG2005 | AFG2012 | AFG2025 |
|------------------------|--|---------------|---------------|--------------|---------------|---------------|
| Frequency range | 0,1Hz à 5MHz | 0,1Hz à 12MHz | 0,1Hz à 25MHz | 0,1Hz à 5MHz | 0,1Hz à 12MHz | 0,1Hz à 25MHz |
| Waveforms | Sinus, Carré, Triangle, Rampe, Bruit et arbitraire | | | | | |
| Arbitrary functions | | | | | | |
| - Sample rate | 20 Mech/s | | | | | |
| - Repetition rate | 10 MHz | | | | | |
| - Waveform lenght | 4 kpoints | | | | | |
| - Amplitude resolution | 10 bits | | | | | |
| Amplitude | 2mV à 20Vcc (à vide) - 10Vcc sur 50Ω | | | | | |
| Rise / Fall time | < 25ns avec l'amplitude maximale sur 50Ω | | | | | |
| Offset ranges | ± 10V (à vide) / ± 5V sur 50Ω | | | | | |
| Rise time | < 25ns (50Ω) | | | | | |
| AM / FM Modulation | oui | | | non | | |
| FSK Modulation | oui | | | non | | |
| Frequency | 5Hz à 150MHz | | | non | | |
| Sweeping | yes | | | | | |
| Memory | 10 storage memory | | | | | |
| TTL output | yes | | | | | |
| Interface | USB | | | | | |
| Power source | 100 - 240VAC - 50/60Hz - 25VA | | | | | |
| Dimensions | 266 x 107mm. Depth 293mm. | | | | | |
| Weight | 3.2kg | | | | | |
| Supplied with | Arbitrary waves editing software and user's manual | | | | | |

Follower amplifier



- The output of a low frequency generator applied to the AS150 input, amplifies the voltage until 80V peak to peak, and the current up to 7A with an impedance ≥ 4Ω.
 - Bandwidth at 0.1dB: 20Hz-20kHz. (at 0.7dB: 10Hz - 50kHz)
 - The output level of the low frequency generator adjusts the AS150 output amplitude from 0 to 80Vpp.
 - The AS150 output is protected against overloads.
- OTHER FEATURES**
- Input on BNC terminal Two parallel outputs: on 2 Ø4mm terminals and on BNC
 - AS150 does not amplify the low frequency generator DC component
 - 100 – 240VAC 50-60Hz power supply. Dimensions/weight: 500 x 300 x 65mm 4.7kg