



ANC300 Plug-In Modules

The ANC300 offers a completely modular design with up to seven slots for dedicated stepping (ANM150), scanning (ANM200) or combined stepping and scanning (ANM300) modules.

ANM200

scanning module

Output Signals	
scanning - output voltage range	0 .. 150V
scanning - gain	15
scanning - maximum current	100 mA
scanning - offset	programmable offset
scanning - power bandwidth	DC .. 500 Hz (1 μ F load)
scanning - small signal bandwidth	DC .. 100 kHz (1 μ F load) via DC input, up to 500 kHz via AC input
scanning - slew rate	800V/ms (1 μ F load)
resolution of signal generation	2.3 mV (16 bit)
output noise	< 5 mVpp (20 MHz bandwidth)
output filter	additional switchable output filter (1.6, 16, 160, 1600 Hz)
maximum capacitive load	5 μ F
zero voltage output in GND mode	connected to chassis ground directly
output connectors	BNC, 50 Ohm
Input Signals	
DC in voltage range	-10..+10V
AC in voltage range	max. \pm 5V AC
coupling	DC, programmable offset
input resistance	10 kOhm
input connectors	BNC, 50 Ohm

ANM150

stepping module

Output Signals	
stepping - voltage range	0 .. 150V
stepping - frequency range	0 .. 10 kHz
stepping - maximum current	100 mA, 4.5 A peak (max. 1 ms)
resolution of signal generation	2.3 mV (16 bit)
output noise	< 5 mVpp (20 MHz bandwidth)
maximum capacitive load	5 μ F
zero voltage output in GND mode	connected to chassis ground directly
output connectors	BNC, 50 Ohm

ANM300

stepping & scanning module

Output Signals	
stepping - voltage range	0 .. 150V
stepping - frequency range	0 .. 10 kHz
stepping - maximum current	100 mA, 4.5 A peak (max. 1 ms)
scanning - output voltage range	0 .. 150V
scanning - gain	15
scanning - maximum current	100 mA
scanning - offset	programmable offset
scanning - power bandwidth	DC .. 500 Hz (1 μ F load)
scanning - small signal bandwidth	DC .. 100 kHz (1 μ F load) via DC input, up to 500 kHz via AC input
scanning - slew rate	800V/ms (1 μ F load)
resolution of signal generation	2.3 mV (16 bit)
output noise	< 5 mVpp (20 MHz bandwidth)
maximum capacitive load	5 μ F
zero voltage output in GND mode	connected to chassis ground directly
output connectors	BNC, 50 Ohm
Input Signals	
DC in voltage range	-10..+10V
AC in voltage range	max \pm 5V AC
coupling	DC, programmable offset
input resistance	10 kOhm
input connectors	BNC, 50 Ohm