

# ANC300

1003821

## Technical Specifications

General Specifications	
type of instrument	7-slot piezo positioning controller
number of slots	7 slots for ANM modules
connector to product (pos/mic)	BNC, 50 Ohm
Modes of Operation	
open loop positioning	depending on ANM module
remote operation	USB 2.0, Ethernet, RS232
capacitance measurement	50..5500 nF
no. device per operation	control of multiple device via one PC
Size and Dimensions	
chassis	19" rack, 3 rack units, 84 horizontal pitches (13.5 x 45 x 34.5 cm <sup>3</sup> )
weight	7.5 kg
Controller Hardware	
power supply	100/115/230V, 50 .. 60 Hz
power consumption [W]	max. 100
connector	fused IEC inlet
connection cable (ELE - POS)	1 per axis, length: 2m
Software Drivers	
Windows, Linux	programming via standard textbased console; programmable LUA console (see <a href="http://www.lua.org">www.lua.org</a> ); LabVIEW™
Output Signals	
maximum capacitance load	5.5 µF
output noise	< 5 mVpp (20 MHz bandwidth)
output filter	additional switchable output filter(1.6, 16, 160, 1600 Hz)
Trigger Signals	
trigger level definition	LVTTL (3.3 V)
input trigger	16 (trigger inputs freely assignable)
output trigger	4 (trigger outputs freely assignable)
trigger interface	25-Pin SubD connector (female)

