

ANC250

1002701

Technical Specifications

General Specifications	
type of instrument	high-end scan voltage amplifier
number of slots	3
Modes of Operation	
positioning mode	scanning
Size and Dimensions	
chassis	19" rack, 2 rack units, 9 x 45 x 40 cm ³
weight	7.5 kg
Controller Hardware	
power supply	100/115/230V, 50 .. 60 Hz
power consumption [W]	max. 60
connector	fused IEC inlet
connection cable (ELE - POS)	1 per axis, length: 2m
Output Signals	
output voltage range	-220 .. 200 V
output current	scanning : max 10 mA
gain	20
output offset voltage	scanning : 100µV
maximum capacitance load	1 µF
power bandwidth	scanning : 650 Hz @ sinus output 400 Vpp
small signal bandwidth	scanning : 2 kHz (response corresponding to 2nd order Bessel filter)
slew rate	scanning : 800 V/ms (without load)
output noise	20 µV (RMS)
absolute accuracy	< 0.2%
temperature coefficient	< 50 ppm/K
Input signals	
input voltage range	AC : -10 .. 10 V DC : -10 .. 10 V
signal coupling	DC, zero offset
input resistance	1 mOhm AC
input current	< 2 µA
input connectors	BNC, 50 Ohm

