

ANC150

electronic controller for driving attocube positioners

Size	
housing	19" rack, 3 HE, 84 TE (ca. 13.5x45x34.5 cm)
weight	ca. 7.2 kg

Electrical Supply	
power supply	110 V / 220 V (switchable), 50 - 60 Hz

Output Voltages	
output	0 - 70 V
output resolution	1 V, 1 Hz
no noise	zero voltage output possible (contacts clamped to ground)

Modes of Operation	
step mode	single and repeated steps (1 Hz - 8 kHz)
scan mode	n.a. (please use additional electronics for scanning, e.g. the ANC200)
capacitance measurement	10 - 1200 nF
external loop through	loop external signal through to output (not amplified, max 200 V)
remote operation	all functionality available via RS232 access

Interfaces	
output connectors	BNC
remote control	9 pin SubD plug (RS232)
loop through connectors	BNC
optional TTL input	15 pin SubD connector

Software Drivers	
Windows	Terminal Access, LabView™ Drivers
Linux	Terminal Access, LabView™ Drivers

Options	
3 axes connecting cable	COC130 (Art.No. 1000053)
TTL-input board	2x3 inputs for triggering single steps
handles for 19" rack mounting	Art. No. 1000563
TFT display	for external CCD cameras
Vacuum feedthrough for UHV	COC230/UHV cabling set with feedthrough, adapter cable, vacuum cable and additional vacuum connector (Art.No. 1000617)

Models and Part Numbers		
Single Axis Controller	ANC150/1	(Art.No. 1000041)
Three Axes Controller	ANC150/3	(Art.No. 1000921)
Six Axes Controller (2x3 multiplexed)	ANC150/6	(Art.No. 1000341)
Optional TTL-Input Board	ANC150/TTL	(Art.No. 1000306)

Single Axis Controller (ANC150/1)



Three Axes Controller (ANC150/3)

