# ANC350 Piezo Motion and Readout Controller

1002787

## Technical Specifications

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|---|---|
| General Specifications | |
| type of instrument | multi-functional piezo controller for closed loop positioners |
| number of slots | 3 |
| connector to product (pos/mic) | SubD-Mix connector (female) |
| Modes of Operation | |
| open loop positioning | stepping mode for positioners, fine positioning mode for positioners |
| closed loop positioning | depending on encoder system |
| remote operation | USB 2.0, Ethernet port (optional) |
| capacitance measurement | 50..5500 nF |
| positioning mode | stepping, fine positioning, closed loop positioning |
| no. device per operation | control of multiple device via one PC |
| Size and Dimensions | |
| chassis | 19" rack, 2 rack units, 9 x 45 x 28.5 $cm^3$ |
| weight | approx. 5 kg |
| Controller Hardware | |
| power supply | 90 - 240 VAC, 50..60 Hz |
| power consumption | max. 100 |
| connector | fused IEC inlet |
| connection cable (ELE - POS) | 1 per axis, length: 2m |
| Software Drivers | |
| Windows, Linux | Stand-alone application for Windows XP™, 7™, 8™, 10™; LabVIEW™; Epics (ethernet required); DLL |
| Output Signals | |
| output voltage range | stepping : 0..70 V |
| frequency range | stepping : 0 .. 2 kHz |
| output current | stepping : max > 8 A peak |
| maximum capacitance load | 1.5 µF (more with reduced bandwidth) |
| setpoint bandwidth | 1 kHz |
| output noise | |

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