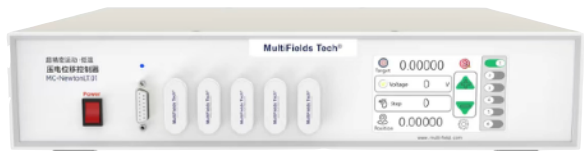


Content	Pages
2	Motion & Scanner Controller
	<i>Controllers support Labview Programm Control by USB, RS232 communication</i>
2.1	 Positioner Controller <i>MC-NewtonLT.01 & MC-NewtonLT.06</i>
2.2	 Scanner Controller <i>MC-ArchimedesLT.03</i>
3	Accessories
	<i>Controllers support Labview Programm Control by USB, RS232 communication</i>
3.1	 Adapter Plate <i>Mounting Adapters of 16, 25, 35 series for vertical / horizontal setup</i>
3.2	 Flexible Thermal Link <i>Used to keep sample cold when positioners work in vacuum environment</i>
3.3	 ToolBox <i>Non-magnetic Screws, Connectors & Wires</i>

Motion Controller – MC-NewtonLT.01/06

6-channels closed-loop controller designed for low temperature piezoelectric motion units



MC-NewtonLT.01



MC-NewtonLT.06

- Up to 6 channels connection
- Support FINE TUNE function
- Touch screen panel
- Close-loop control
- Optional trigger function

Optional Versions ⇨		MC-NewtonLT.01	MC-NewtonLT.06
1	Compatible positioner	Linear, Rotator, Goniometer & LS-Linear Series	
2	Control mode	All channels closed-loop control	
3	Size	19" / 3U	
4	Work voltage & power	220 VAC & 60 W	
5	Communication interface	USB & TCP/IP	
6	Amplifiers	1 channel	2 channels
7	Max output voltage	-200 V ~ +200 V	
8	Drive frequency range	1 ~ 10 kHz	
9	Power for 1 channel	Max. 40 W	
10	Slew rate	2 kV/us	
11	GND in drive output	1 channels independent GND	6 channels independent GND
12	Encoder	Resistive encoder	
13	Sensor output voltage	DC 2.5 V	
14	Resolution of read voltage	50 μV (18-bit)	
15	Connectors	1 channel	6 channels
16	Input resistance	10 kOhm	
17	GND in sensor readout	1 channel independent GND	6 channels independent GND
18	Electrical connector	D-sub 15 for each channel	

For detail drawing and 3D model please contact us.