



### Technical Description

General Specification	
Fullstroke(Travel length)	10.1±0.1 mm
Real stroke	10 mm
Dimension	29.5x29x8.7 mm
Weight	12 g
Vertical load*	<= 20 g
Horizontal load*	<= 50 g
Holding force	> 250 gf
Speed(at Real stroke)	> 10 mm/s
Close loop Performance	
Resolution	0.1um with incremental encoding
Repeatability	± 2um
Accuracy	± 10um
Mechanical	
Static paralellism	<=10' (15 um at 5mm stroke)
Pitch and Yaw	<=10'
Enviroment	
Relative Humidity	<=70%
Operation Temperature	0°C to +50°C
Storage Temperature	-30°C to +80°C
Life time	1 Mio. Cycles (at real Stroke)
Electrical	
Controller	Multi channel PMC2001(Masterboard) & PMC2002 (Peripheralboard)
Host Interface	USB Adapter from PC or RS232
Input Power	5V DC (3W max.)

### Application example

