

# Piezo-linear motion- AutoScrew.LR

RT-Piezolinear motion solution, for mirror mounts adjustment

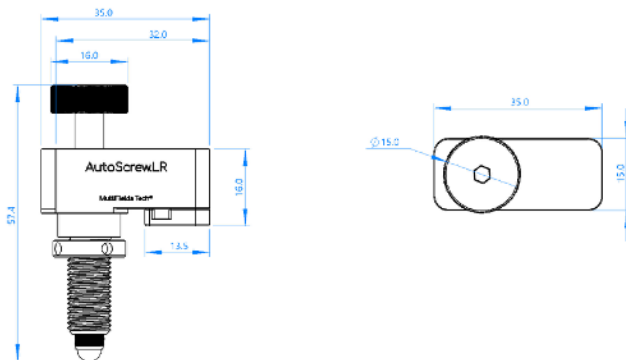


AutoScrew.LR

## Feature

- Holding Force: 100 N, Drive force: 20 N;
- Step size: 20 nm;
- Travel Range: 10 mm
- Self-loading no heat generation at rest.
- M9 x 0.5 mounting thread (optional)
- Controller MC - **Newton.E4**
- Non-magnetic (.NM), high vacuum (.HV) & ultra-high vacuum (.UHV) optional

## 2D-Drawings



## AutoScrew.LR – Specification

Optional Versions ⇄		Standard	.HV
		.NM, non-magnetic; .UHV, ultra-high vacuum compatible;	
1	Footprint, high		
2	Mainbody Materials	Stainless	Stainless
3	Cable & Connectors	Shielded wire SMB Connectors	kapton shielded wire, 2mm PEEK pins
Motion parameter			
4	Travel Range	10 mm	
5	Max Velocity	2 mm/min	
6	Step size	Typical 20 nm, MAX 50 nm	
7	Step Frequency	2 kHz	
8	Drive force	20 N	
9	Holding Force	100 N	
10	Permissible perpendicular push force	1 N	
Controller- MC-Newton. E4			
11	Controller	MC-Newton.E2 / E4	
12	Output channels	4 Channel	
13	Drive voltage	75 V	
14	Interfaces	USB	
16	Power supply	DC 12 V	

Piezoelectric Motion - RT

Piezoelectric Motion - RT