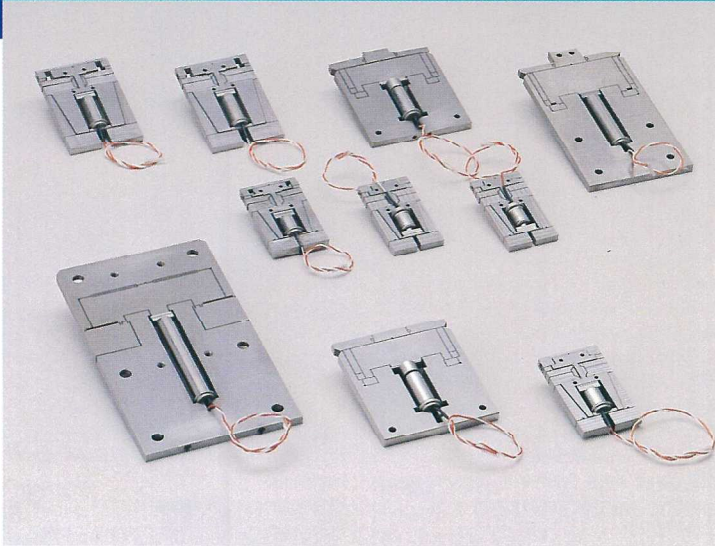


Enlargement Piezo Positioner

ELP Series



Features

The Enlargement Piezo Positioner has superb displacement linearity realized by its symmetrical structure. In addition, a maximum force of 100N can be achieved. The Enlargement Piezo Positioner has cleared a continuous operation that exceeds 100 million times and has superb endurance due to the use of sealed positioners. Customized designs are also available to fit the customer's needs.

Linearity

Superb displacement linearity at the output end realized by the symmetrical structure.

High reliability

Endurance of 100 million continuous operations.
Superb environmental endurance realized by the use of sealed positioners.

Large generative force

Maximum generative force of 100N can be achieved for use in various purposes

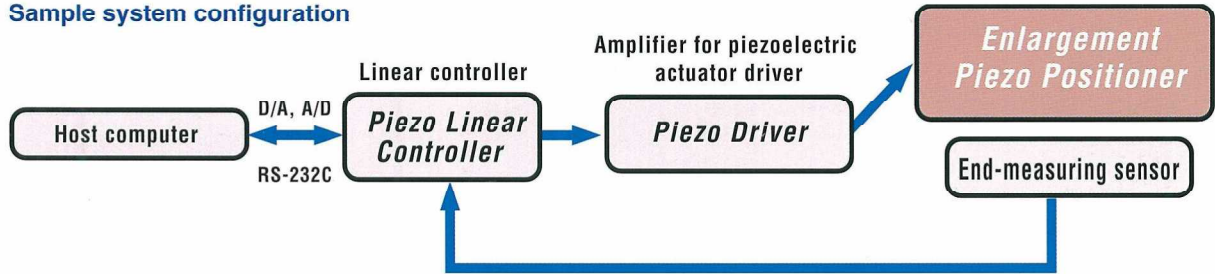
Customized design

Customized designs are available for displacement, power, size, installation location, etc. to fit the customer's needs.

Applications

- Precise scanning of lasers and optical beams
- Positioning of various precision micromotion stages
- Actuator for positioning of optical mirrors and lenses
- Parallel adjustment of tools for precision processings
- For precision grinding

Sample system configuration



*It is recommended that genuine Taiheiyō Cement products be used for the Enlargement Piezo Positioner, Piezo Driver and Piezo Linear Controller.

Specifications

Model	Dimensions	Max. displacement	Max. generative force	Resonance frequency	Max. operating voltage
ELP-2100	148×85×5 (t) mm	200 μm	100N	350Hz	DC150V
ELP-2200	83×64×5 (t) mm	150 μm	9N	360Hz	
ELP-2300	55×33×6 (t) mm	100 μm	3N	360Hz	

Dimensions

