

Miniature Profile Stage

The LX80L is a high-performance linear servo motor stage designed to handle 24/7 production applications with rapid linear translation and precise positioning of smaller loads within very small work envelopes. With a profile of only 40 mm x 66 mm, this stage can quickly and accurately position payloads up to 20 kg over travel lengths of up to 750 mm. Parker optimized the LX80L for force, speed, and acceleration to meet the stringent miniaturization requirements for applications in the electrical and biomedical industries. The LX80L's flexibility and compatibility with the compact MX80 linear servo stages enables customers to easily configure single-axis or complex multi-axis units. Company engineers built all the components of the LX80L into the body of the stage, creating a streamlined, unobstructed design that hides the moving cables.

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