

Linear Motors

Dexter designs motors and actuators with features such as:

- *High force-to-mass ratios*
- *High-speed moving coil designs*
- *High-reliability requirements*
- *High-positional accuracy*
- *Capability of withstanding harsh environments.*

We have extensive experience in designing and producing rotary motors, actuators and voice coil motors.

End uses for these devices include semiconductor capital equipment, missile guidance gyros and fin motors, industrial shaker assemblies and factory automation equipment.



Types

We have extensive experience in the magnetic design & production of:

- *Cylindrical Linear Motors,*
- *U-Channel Linear Motors,*
- *Flat-Type Linear Motors.*

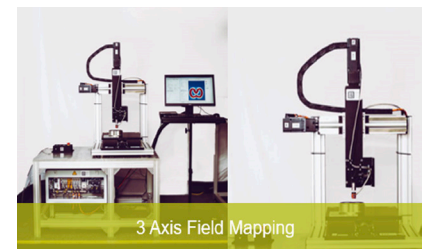
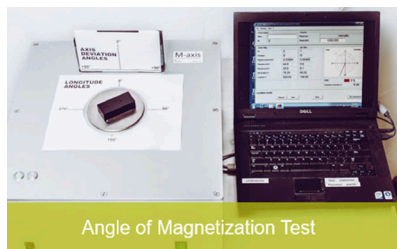
End uses include semiconductor capital equipment, defense related applications and medical automation equipment.

Design Help

When working with our engineering group, you might be asked:

- *What market is the solution to be used in, such as aerospace, semiconductor or medical?*
- *What are the performance characteristics such as, space and weight constraints, packaging and electrical characteristics?*

Our design engineering group along with process and production engineers will quickly move from computer model to prototype right on to production.



About Dexter

A global leader in the specification, design and fabrication of magnetic products and assemblies.

Since its founding in 1951, solutions designed by Dexter have and continue to positively impact our world daily.



DEXTER MAGNETIC TECHNOLOGIES

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