



Nanomotion's DuraMotor Series: Productivity and Cleanliness in Demanding Motion Profiles

Nanomotion is proud to announce the upcoming release of the DuraMotor series, which provides superior levels of durability and reliability for a wide range of applications, including:

- Vacuum and Ultra High Vacuum (UHV) operation
- Demanding move & settle profiles with high duty cycle
- High speed motion profiles

The DuraMotor provides the utmost in durability through the use of new and improved materials for the motor tip and drive strip. Designed for the most demanding applications, the DuraMotor provides exceptional levels of cleanliness and motor life with low particle generation.

The DuraMotor series is available in the standard configurations of HR1, 2, 4 and 8 element motors and are offered with a family of standard drive strips, disks and rings. The DuraMotor supports linear, rotary, and tilt applications with the same benefits of unlimited travel, built-in holding/braking without power consumption and a wide bandwidth of velocity.

Nanomotion Inc. offers a wide range of ceramic servo motors based on ultrasonic standing waves, for advanced motion control and automation systems. Nanomotion's patented technology offers exceptionally high resolution, unlimited travel, and no intrinsic magnetic field. The compact packaging and ability to drive linear or rotary devices makes this technology well suited to applications in Semiconductor, Fiber Optic, Electronics, Bio-Medical/Pharmaceutical, Automotive, and General Assembly manufacturing equipment.