

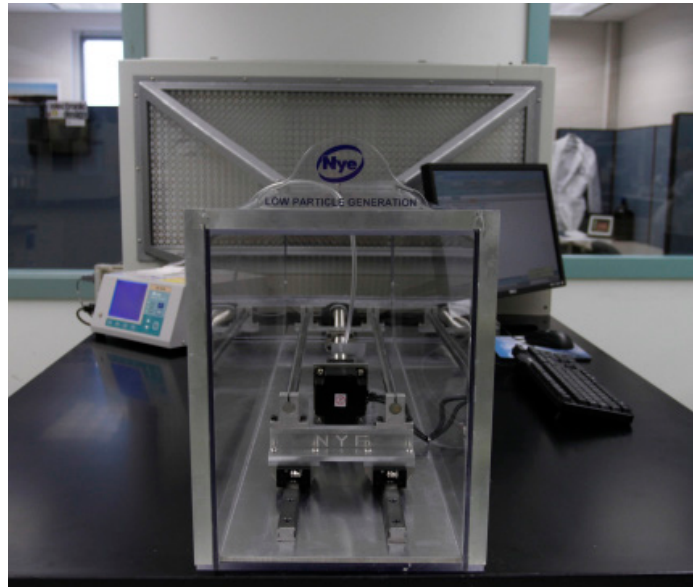


Lab Capability: Dynamic Particle Generation Tester

The dynamic particle generating test rig is used to classify grease into ISO cleanliness levels for semicon, cleanroom, and medical applications. It utilizes an ISO 5 clean air system, precision ball screw, and particle counter to count the number of particles down to 0.3 micron produced by various greases as the test is run.

During the test, the particles are categorized by size ranges up to 5 micron and at the conclusion the Federal and ISO ratings for the lubricant can be assigned. With the ability to quantify cleanliness based on particle

generation, customers can now be confident that the lubricant they are using from Nye Lubricants will not contaminate their clean environment with any more particles than they are rated for.



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