Spectrogon is a world leading manufacturer of Optical Interference Filters and Holographic Diffraction Gratings.

**Optical Interference Filters**

Product range includes filters for wavelength region 200-15000 nm. Most common manufacturing sizes are: Ø6.0, Ø10.0, Ø12.7, Ø25.4, Ø50.8, Ø75.0, Ø100.0 and Ø200.0 mm. These filters can easily be cut to the required size in our cutting facility.

All filters are manufactured with a hard coating technique, which give films with superior environmental stability.

We have over 300 000 filters in stock for immediate delivery. These are produced on various wafer sizes, ready to be cut according to your requirement. On our website we present a selection of over 1000 different filter types with specifications and spectral curves. For prototype or production, we have several thin film designers ready to review your specifications.

**Diffraction grating products**

Spectrogon manufactures holographic diffraction gratings for UV-NIR. Our custom made gratings have high efficiency, low stray light, wide tuning range, high damage threshold and optimized for specific applications. For custom designs we have several grating designers ready to review your specification. We help you to determine a specification that is both technically feasible and economical to manufacture. For prototype work and for predefined gratings we list approximately 250 gratings with optical characteristics and other specification in our website [www.spectrogon.com](http://www.spectrogon.com). All grating requests submitted to us are calculated and simulated for optimal performance and matched against stock or manufactured gratings.

Technodiamant manufactures a full range of precision diamond cutting tools, resin bond and metal bond diamond wheels. These include natural, synthetic and polycrystalline diamond tools especially for the optical industry. Technodiamant also produces diamond anvils for high pressure research and diamond cleaving knives for fiber optics.

We have developed new technologies in-house for the production of incredibly precise and operationally stable diamond tools. Our 70 highly skilled employees based in the Netherlands, Belgium and the USA supply our customers with excellent quality and services all over the world.

**CONTROLLED AND NON-CONTROLLED WAVINESS DIAMOND TOOLS**

Technodiamant has developed a full range of controlled waviness tools. For some radii (both convex and concave) waviness on the radius of even less than 30 nm can be produced. Controlled Waviness Diamond Tools are supplied with a certificate showing the waviness and the exact size of the radius.

**TORIC FLY-CUTTING TOOLS**

Toric fly-cutting tools are used on lathes to cut aspheric geometries. The radius of the diamond typically varies from 0.1 to 0.5 mm.

**SPECIAL TOOLS**

Besides the standard tool offerings, Technodiamant is especially known for its custom made tools. Custom tool designs are required for many applications and Technodiamant not only has the knowledge to manufacture according to these requirements, but also has the capability to help design such tools in close co-operation with their customers.

We challenge you to try a Technodiamant Diamond Tool for the production of your high technology components and experience the Technodiamant difference.