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How the Neo Spectroradiometer Drastically Improves Filter Quality

Admesy develops spectroradiometers, colorimeters, and light meters. They are used in large volume 24/7 production testing as well as in smaller volume niche system manufacturing. One application example where the new Neo high-end spectroradiometer made it possible to drastically improve the quality of coated interference color filters is the successful cooperation now started with Cutting Edge Coatings GmbH (CEC).

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Case study ADMESY

"Together with partner CEC (Cutting Edge Coatings GmbH) Admesy improved the accuracy of demanding filtercoatings deposited by their ion beam sputtering machine by a large margin - by implementing the new Neo series spectroradiometer platform."

A new spectroradiometer drastically improves filter quality



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CEC is a spin-off company of world-renowned Laser Zentrum Hannover, Germany. Since 2007 CEC focuses on developing ion beam sputtering (IBS) deposition systems.

CEC's Navigator IBS deposition system is designed to achieve the highest quality coating processes, ranging from high performance coating equipment for R&D to high capacity coating machines for industrial mass production, and covering optical wavelengths from deep ultraviolet and visible to infrared. Combining 30 years IBS coating experience from the Laser Zentrum Hannover and CEC, Navigator IBS system can produce coatings for very high performance laser components and various optical films, such as HR coating, AR coating, complex filters and different kinds of other coatings.

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